Di

分立式元器件

二极管

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已通过 ISO/TS 16949 认证

肖特基势垒二极管

●小信号肖特基势垒二极管一览表

V_R (V)	I_O (mA)	Package																	
		0402 Size		0603 Size				1006 Size								1406 Size			
		DSN0402-2 (SMD0402)		DSN0603-2 (SMD0603)		SOD-962 (GMD2)		DSN1006-2 (SMD1006)		DFN1006-2 (VML2)		SOD-923 (VMN2)		SOD-923 (VMN2M)		SOD-723 (VMD2)	
20	500									RBE05AS20A	11						
	2,000							RASMID New RB061QS-20	4								
30	30											RB751CS-40	16	RB751CM-40	19	RB751G-40	32
	100	RASMID RB522FS-30	1	RASMID New RB522ES-30 RASMID RB531ES-30	2 3	RB520ZS-30 RB521ZS-30	6 7					RB520CS-30 RB521CS-30	17 18	RB520CM-30 RB521CM-30 RB530CM-30 RB531CM-30	20 21 22 23	RB520G-30 RB521G-30	30 31
	200									RB520AS-30 RB521AS-30	12 13						
40	30					RB751ZS-40	8										
	100					RB520ZS-40 RB521ZS-40	9 10							RB530CM-40 RB531CM-40 RB520CM-40 RB521CM-40	24 25 26 27	RB520G-40 RB521G-40	33 34
	200									RB520AS-40 RB521AS-40	14 15						
	1,000							RASMID New RB161QS-40	5								
60	100													RB530CM-60 RB520CM-60	28 29		

V_R (V)	I_O (mA)	Package															
		1608 Size		2512 Size		2514 Size		1212 Size		1616 Size				2120 Size			
		SOD-523 (EMD2)		SOD-323FL (UMD2)		(TUMD2M)		SOT-723 (VMD3)		SOT-416FL (EMD3F)		SOT-543 (EMD4)		SOT-323 (UMD3)		SOT-323FL (UMD3F)	
20	500	RBE02SM20A	35	RB551VM-30 RBE05VM20A	54 55	RB411VAM-50	81										
	700			RBE07V20A	56									RB461F	136		
	1,000					RB162VAM-20 RB161VAM-20 RBE1VAM20A	82 83 84										
	2,000					RBE2VAM20A	85										
30	30	RB751SM-40	36	RB751VM-40	57												
	100	RB510SM-30 RB511SM-30 RB500SM-30 RB501SM-30	37 38 39 40	RB510VM-30 RB530VM-30 RB511VM-30 RB531VM-30	58 59 60 61					RB548WM RB557WM RB558WM	129 125 130	RB481Y RB480Y	146 147				
	200	RB520SM-30 RB521SM-30 RB530SM-30 RB531SM-30	41 42 43 44	RB520VM-30 RB521VM-30 RB540VM-30 RB541VM-30	62 63 64 65												
	500			RB550VM-30	66	RSX051VAM30 RSX051VYM30	86 87										
	700					RSX071VAM30 RSX071VYM30	88 89										
	1,000					RB168VAM-30 RB168VYM-30 RB550VAM-30 RB550VYM-30 RSX101VAM30 RSX101VYM30	90 91 92 93 94 95										
	1,500					RSX201VAM30 RSX201VYM30	96 97										
40	30							RB715Z	117	RB706WM-40 RB715WM	131 118					RB706UM-40 RB715UM RB717UM	132 119 126
	100	RB510SM-40 RB511SM-40 RB530SM-40 RB531SM-40	45 46 47 48	RB510VM-40 RB511VM-40 RB530VM-40 RB531VM-40 RB500VM-40 RB501VM-40	67 68 69 70 71 72											RB450UM RB451UM	138 137
	200	RB540SM-40 RB541SM-40 RB520SM-40 RB521SM-40	49 50 51 52	RB540VM-40 RB541VM-40 RB520VM-40 RB521VM-40 RB550VM-40 RB551VM-40	73 74 75 76 77 78							RB481Y-40 RB480Y-40	148 149				
	500			RB560VM-40 RB561VM-40	79 80	RB400VAM-50 RB400VYM-50	98 99										
	1,000					RB160VAM-40 RB160VYM-40 RB168VAM-40 RB168VYM-40	100 101 102 103										
60	200	RB521SM-60	53														
	1,000					RB160VAM-60 RB160VYM-60 RB168VYM-60 RB168VAM-60	104 105 106 107										
90	100											RB481Y-90 RB480Y-90	150 151				
	200					RB021VAM90	108										
100	700					RB578VAM100 RB578VYM100	109 110										
	1,000					RB168VAM100 RB168VYM100	111 112										
150	500					RB558VAM150 RB558VYM150	113 114										
	1,000					RB168VAM150 RB168VYM150	115 116										

◎RASMID：采用ROHM独有的新工艺，实现小型化，具有惊人尺寸精度的超小型产品系列。
封装采用JEDEC表示。( )内表示ROHM封装。

V_R (V)	I_O (mA)	Package																	
		2120 Size						2924 Size		2928 Size								3028 Size	
		SOT-343 (UMD4)		SOT-353T (TUMD5)		SOT-363 (UMD6)		SOT-23 (SSD3)		SOT-346 (SMD3)		SOT-25 (SMD5)		SOT-25T (TSMD5)		SOT-457 (SMD6)		(TSMD8)	
20	500									RB411D	141								
	1,000			RB496KA RBE1KA20A	154 155					RB491D	142			RB496EA	157				
	2,000													RBE2EA20A	158				
25	400									RB495D	122								
30	100					RB530XN RB531XN RB541XN	161 162 163												
	200	RB481K	152					BAT54HM BAT54SHM BAT54CHM BAT54AHM	139 133 120 127										
	1,000													RB552EA	159				
	1,400													RB550EA	160				
	2,000																	RB061US-30	166
40	30					RB731XN	164			RB705D RB706D-40	123 135					RB731U	165		
	100	RB480K	153							RB420D RB421D RB425D	143 144 124	RB471E	156						
	120							BAS40HM BAS40-04HM BAS40-05HM BAS40-06HM	140 134 121 128										
	500									RB400D	145								

封装采用JEDEC表示。( )内表示ROHM封装。

肖特基势垒二极管

肖特基势垒二极管
例: RB751CS-40FHT2RA
型号 / 产品性能代码 / 包装代码

小信号肖特基势垒二极管1

Quick Reference No.	Product No.				Absolute Maximum Ratings(Tc=25°C)				Electrical Characteristics(Tj=25°C)*2				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (mA)	I_{FSM}(A)*2 60Hz.1~	V_F(V) Max.		I_R(μA) Max.				
		General	Automotive							I_F(mA)		V_R(V)			
1	RASMID RB522FS-30	*	–	T27R	30	30	100	0.5	0.37	10	7	10	DSN0402-2 (SMD0402)		–
2	RASMID New RB522ES-30		–	T15R	30	30	100	0.5	0.37	10	7	10	DSN0603-2 (SMD0603)		–
3	RASMID RB531ES-30		–	T15R	30	30	100	0.5	0.5	100	50	30			–
4	RASMID New RB061QS-20		–	T18R	20	20	2,000	15	0.47	2,000	200	10	DSN1006-2 (SMD1006)		
5	RASMID New RB161QS-40		–	T18R	40	40	1,000	7	0.6	1,000	100	10			–
6	RB520ZS-30		–	T2R	30	30	100	0.5	0.46	10	0.3	10	SOD-962 (GMD2)		–
7	RB521ZS-30		–	T2R	30	30	100	0.5	0.37	10	7	10			–
8	RB751ZS-40		–	T2R	40	40	30	0.2	0.37	1	0.5	30			–
9	RB520ZS-40		–	T2R	40	40	100	0.5	0.48	10	2	40			–
10	RB521ZS-40		–	T2R	40	40	100	0.5	0.41	10	25	40			–
11	RBE05AS20A		–	T2R	30	20	500	1	0.53	0.5	0.15	20	DFN1006-2 (VML2)		–
12	RB520AS-30		–	T2R	30	30	200	1	0.6	200	1	10			–
13	RB521AS-30		–	T2R	30	30	200	1	0.5	200	30	10			–
14	RB520AS-40		–	T2R	40	40	200	1	0.55	100	10	40			–
15	RB521AS-40		–	T2R	45	40	200	1	0.45	100	90	40			–
16	RB751CS-40	–	FH	T2RA	40	30	30	0.2	0.37	1	0.5	30	SOD-923 (VMN2)		YES
17	RB520CS-30	–	FH	T2RA	–	30	100	0.5	0.45	10	0.5	10			YES
18	RB521CS-30	–	FH	T2RA	–	30	100	0.5	0.35	10	10	10			YES
19	RB751CM-40	*	–	T2R	40	30	30	0.2	0.37	1	0.5	30	SOD-923 (VMN2M)		–
20	RB520CM-30		–	T2R	–	30	100	0.5	0.45	10	0.5	10			–
21	RB521CM-30		–	T2R	–	30	100	0.5	0.35	10	10	10			–
22	RB530CM-30		–	T2R	30	30	100	0.5	0.46	10	0.3	10			–
23	RB531CM-30		–	T2R	30	30	100	0.5	0.37	10	7	10			–
24	RB530CM-40		–	T2R	40	40	100	0.5	0.48	10	2	40			–
25	RB531CM-40		–	T2R	40	40	100	0.5	0.41	10	25	40			–
26	RB520CM-40		–	T2R	40	40	100	1	0.71	100	15	40			–
27	RB521CM-40		–	T2R	40	40	100	1	0.61	100	100	40			–
28	RB530CM-60		–	T2R	60	60	100	0.5	0.54	10	1	60			–
29	RB520CM-60		–	T2R	60	60	100	1	0.44	10	3	60			–
30	RB520G-30		FH	T2R	–	30	100	0.5	0.45	10	0.5	10	SOD-723 (VMD2)		YES
31	RB521G-30		FH	T2R	–	30	100	0.5	0.35	10	10	10			YES
32	RB751G-40		FH	T2R	40	30	30	0.2	0.37	1	0.5	30			YES
33	RB520G-40		FH	T2R	40	40	100	1	0.71	100	15	40			YES
34	RB521G-40		FH	T2R	40	40	100	1	0.61	100	100	40			YES
35	RBE05SM20A		–	T2R	30	20	500	1	0.53	500	150	20	SOD-523 (EMD2)		–
36	RB751SM-40		FH	T2R	40	30	30	0.2	0.37	1	0.5	30			YES
37	RB510SM-30		FH	T2R	30	30	100	0.5	0.46	10	0.3	10			YES
38	RB511SM-30		FH	T2R	30	30	100	0.5	0.37	10	7	10			YES
39	RB500SM-30		FH	T2R	30	30	100	1	0.45	10	0.5	10			YES
40	RB501SM-30		FH	T2R	30	30	100	1	0.35	10	10	10			YES
41	RB520SM-30		FH	T2R	–	30	200	1	0.58	200	1	10			YES
42	RB521SM-30		FH	T2R	–	30	200	1	0.47	200	30	10			YES
43	RB530SM-30		FH	T2R	30	30	200	1	0.45	10	0.5	10			YES
44	RB531SM-30		FH	T2R	30	30	200	1	0.35	10	10	10			YES
45	RB510SM-40		FH	T2R	40	40	100	0.5	0.48	10	2	40			YES
46	RB511SM-40		FH	T2R	40	40	100	0.5	0.41	10	25	40			YES
47	RB530SM-40		FH	T2R	40	40	100	1	0.71	100	15	40			YES
48	RB531SM-40		FH	T2R	40	40	100	1	0.61	100	100	40			YES
49	RB540SM-40		FH	T2R	40	40	200	1	0.71	100	15	40			YES
50	RB541SM-40		FH	T2R	40	40	200	1	0.61	100	100	40			YES
51	RB520SM-40		FH	T2R	45	40	200	1	0.55	100	10	40			YES
52	RB521SM-40		FH	T2R	45	40	200	1	0.45	100	90	40			YES
53	RB521SM-60		FH	T2R	60	60	200	1	0.6	200	100	60			YES
54	RB551VM-30		–	TE-17	30	20	500	2	0.36	100	100	20	SOD-323FL (UMD2)		–
55	RBE05VM20A		–	TE-17	30	20	500	2	0.43	500	200	20			–
56	RBE07V20A		–	TE-17	30	20	700	1	0.43	500	200	20			–

◎RASMID：采用ROHM独有的新工艺，实现小型化，具有惊人尺寸精度的超小型产品系列。
*：一般产品的产品性能代码为空白。
*1：每个元件的平均输出电流为Io(1个元件)、1/2 Io(2个元件)或1/3 Io(3个元件)。
*2：每个元件的规格。
封装采用JEDEC表示。( )内表示ROHM封装。

肖特基势垒二极管
例: RB751VM-40FHTE-17
型号 产品性能代码 包装代码

小信号肖特基势垒二极管2

Quick Reference No.	Product No.				Absolute Maximum Ratings(Tc=25°C)				Electrical Characteristics(Tj=25°C)*2				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (mA)	I_{FSM}(A)*2 60Hz.1㌢	V_F(V) Max.	I_F(mA)	I_R(μA) Max.	V_R(V)			
		General	Automotive												
57	RB751VM-40		FH	TE-17	40	30	30	0.2	0.37	1	0.5	30	SOD-323FL (UMD2)		YES
58	RB510VM-30		FH	TE-17	30	30	100	0.5	0.46	10	0.3	10			YES
59	RB530VM-30		FH	TE-17	30	30	100	0.5	0.45	10	0.5	10			YES
60	RB511VM-30		FH	TE-17	30	30	100	0.5	0.37	10	7	10			YES
61	RB531VM-30		FH	TE-17	30	30	100	1	0.35	10	10	10			YES
62	RB520VM-30		FH	TE-17	30	30	200	1	0.58	200	1	10			YES
63	RB521VM-30		FH	TE-17	30	30	200	1	0.47	200	30	10			YES
64	RB540VM-30		FH	TE-17	30	30	200	1	0.45	10	0.5	10			YES
65	RB541VM-30		FH	TE-17	30	30	200	1	0.35	10	30	10			YES
66	RB550VM-30		FH	TE-17	30	30	500	1	0.59	500	35	30			YES
67	RB510VM-40		FH	TE-17	40	40	100	0.1	0.48	10	2	40			YES
68	RB511VM-40		FH	TE-17	40	40	100	0.1	0.41	10	25	40			YES
69	RB530VM-40		FH	TE-17	40	40	100	1	0.71	100	15	40			YES
70	RB531VM-40		FH	TE-17	40	40	100	1	0.61	100	100	40			YES
71	RB500VM-40	*	FH	TE-17	45	40	100	1	0.45	10	1	10			YES
72	RB501VM-40		FH	TE-17	45	40	100	1	0.55	100	30	10			YES
73	RB540VM-40		FH	TE-17	40	40	200	1	0.71	100	15	40			YES
74	RB541VM-40		FH	TE-17	40	40	200	1	0.61	100	100	40			YES
75	RB520VM-40		FH	TE-17	40	40	200	1	0.55	100	10	40			YES
76	RB521VM-40		FH	TE-17	40	40	200	1	0.54	200	90	40			YES
77	RB550VM-40		FH	TE-17	40	40	200	1	0.51	200	40	40			YES
78	RB551VM-40		FH	TE-17	40	40	200	1	0.43	200	300	40			YES
79	RB560VM-40		FH	TE-17	40	40	500	2	0.64	500	40	40			YES
80	RB561VM-40		–	TE-17	40	40	500	2	0.56	500	300	40			–
81	RB411VAM-50		–	TR	50	20	500	3	0.5	500	30	10	(TUMD2M)		–
82	RB162VAM-20		–	TR	25	20	1,000	5	0.4	1,000	1,200	20			–
83	RB161VAM-20		–	TR	30	20	1,000	5	0.42	1,000	1,000	20			–
84	RBE1VAM20A		–	TR	30	20	1,000	3	0.53	1,000	200	20			–
85	RBE2VAM20A		–	TR	30	20	2,000	5	0.46	2,000	700	20			–
86	RSX051VAM30		–	TR	30	30	500	5	0.39	500	200	30			–
87	RSX051VYM30	–	FH	TR	30	30	500	5	0.39	500	200	30			YES
88	RSX071VAM30	*	–	TR	30	30	700	5	0.42	700	200	30			–
89	RSX071VYM30	–	FH	TR	30	30	700	5	0.42	700	200	30			YES
90	RB168VAM-30	*	–	TR	30	30	1,000	5	0.73	1,000	0.3	30			–
91	RB168VYM-30	–	FH	TR	30	30	1,000	5	0.73	1,000	0.3	30			YES
92	RB550VAM-30	*	–	TR	30	30	1,000	3	0.52	1,000	30	10			–
93	RB550VYM-30	–	FH	TR	30	30	1,000	3	0.52	1,000	30	10			YES
94	RSX101VAM30	*	–	TR	30	30	1,000	5	0.47	1,000	200	30			–
95	RSX101VYM30	–	FH	TR	30	30	1,000	5	0.47	1,000	200	30			YES
96	RSX201VAM30	*	–	TR	30	30	1,500	8	0.46	1,500	300	30			–
97	RSX201VYM30	–	FH	TR	30	30	1,500	8	0.46	1,500	300	30			YES
98	RB400VAM-50	*	–	TR	50	40	500	3	0.55	500	50	30			–
99	RB400VYM-50	–	FH	TR	50	40	500	3	0.55	500	50	30			YES
100	RB160VAM-40	*	–	TR	40	40	1,000	5	0.55	700	50	40			–
101	RB160VYM-40	–	FH	TR	40	40	1,000	5	0.55	700	50	40			YES
102	RB168VAM-40	*	–	TR	40	40	1,000	5	0.79	1,000	0.5	40			–
103	RB168VYM-40	–	FH	TR	40	40	1,000	5	0.79	1,000	0.5	40			YES
104	RB160VAM-60	*	–	TR	60	60	1,000	3	0.67	1,000	40	60			–
105	RB160VYM-60	–	FH	TR	60	60	1,000	3	0.67	1,000	40	60			YES
106	RB168VYM-60	–	FH	TR	60	60	1,000	5	0.82	1,000	1	60			YES
107	RB168VAM-60		–	TR	60	60	1,000	5	0.82	1,000	1	60			–
108	RB021VAM90	*	–	TR	90	90	200	5	0.49	200	900	90			–
109	RB578VAM100		–	TR	100	100	700	5	0.85	700	0.2	100			–
110	RB578VYM100	–	FH	TR	100	100	700	5	0.85	700	0.2	100			YES
111	RB168VAM100	*	–	TR	100	100	1,000	5	0.84	1,000	0.3	100			–
112	RB168VYM100	–	FH	TR	100	100	1,000	5	0.84	1,000	0.3	100			YES
113	RB558VAM150	*	–	TR	150	150	500	3	0.95	500	0.5	150			–
114	RB558VYM150	–	FH	TR	150	150	500	3	0.95	500	0.5	150			YES

＊：一般产品的产品性能代码为空白。
＊1：每个元件的平均输出电流为Io(1个元件)、1/2 Io(2个元件)或1/3 Io(3个元件)。
＊2：每个元件的规格。
封装采用JEDEC表示。( )内表示ROHM封装。

肖特基势垒二极管

肖特基势垒二极管
例: R B 1 6 8 V Y M 1 5 0 F H T R
型号 产品性能代码 包装代码

小信号肖特基势垒二极管3

Quick Reference No.	Product No.				Absolute Maximum Ratings(Tc=25°C)				Electrical Characteristics(Tj=25°C)*2				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (mA)	I_{FSM}(A)*2 60Hz.1㎝	V_F(V) Max.	I_F(mA)	I_R(μA) Max.	V_R(V)			
		General	Automotive												
115	RB168VAM150	*	–	TR	150	150	1,000	5	0.89	1,000	1	150	(TUMD2M)		–
116	RB168VYM150	–	FH	TR	150	150	1,000	5	0.89	1,000	1	150			YES
117	RB715Z		FH	T2L	40	40	30	0.2	0.37	1	1	10	SOT-723 (VMD3)		YES
118	RB715WM		FH	TL	40	40	30*2	0.2	0.37	1	1	10	SOT-416FL (EMD3F)		YES
119	RB715UM		FH	TL	40	40	30	0.2	0.37	1	1	10	SOT-323FL (UMD3F)		YES
120	BAT54CHM		FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES
121	BAS40-05HM	*	FH	T116	40	40	120*2	0.6	0.5	10	1	30			YES
122	RB495D		FH	T146	40	25	400	2	0.5	200	70	25	SOT-346 (SMD3)		YES
123	RB705D		FH	T146	40	40	30	0.2	0.37	1	1	10			YES
124	RB425D		FH	T146	40	40	100	1	0.55	100	30	10			YES
125	RB557WM		FH	TL	–	30	100*2	0.5	0.49	100	10	10	SOT-416FL (EMD3F)		YES
126	RB717UM		FH	TL	45	40	30*2	0.2	0.37	1	1	30	SOT-323FL (UMD3F)		YES
127	BAT54AHM	–	FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES
128	BAS40-06HM	–	FH	T116	40	40	120*2	0.6	0.5	10	1	30			YES
129	RB548WM	*	FH	TL	–	30	100*2	0.5	0.45	10	0.5	10	SOT-416FL (EMD3F)		YES
130	RB558WM		FH	TL	–	30	100*2	0.5	0.49	100	10	10			YES
131	RB706WM-40	–	FH	TL	45	40	30*2	0.2	0.37	1	0.5	30			YES
132	RB706UM-40		FH	TL	45	40	30*2	0.2	0.37	1	1	30	SOT-323FL (UMD3F)		YES
133	BAT54SHM		FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES
134	BAS40-04HM		FH	T116	40	40	120*2	0.6	0.5	10	1	30			YES
135	RB706D-40		FH	T146	45	40	30	0.2	0.37	1	1	10	SOT-346 (SMD3)		YES
136	RB461F		–	T106	25	20	700	3	0.49	700	200	20	SOT-323 (UMD3)		–
137	RB451UM		FH	TL	40	40	100	1	0.45	100	90	40	SOT-323FL (UMD3F)		YES
138	RB450UM		FH	TL	45	40	100	1	0.55	100	10	40			YES
139	BAT54HM		FH	T116	30	30	200	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES
140	BAS40HM		FH	T116	40	40	120	0.6	0.5	10	1	30			YES
141	RB411D		FH	T146	40	20	500	3	0.5	500	30	10	SOT-346 (SMD3)		YES
142	RB491D		–	T146	25	20	1,000	3	0.45	1,000	200	20			–
143	RB420D		FH	T146	40	40	100	1	0.45	10	1	10			YES
144	RB421D		FH	T146	40	40	100	1	0.55	100	30	10			YES
145	RB400D		FH	T146	40	40	500	3	0.55	500	50	30			YES
146	RB481Y		FH	T2R	–	30	100*2	1	0.43	100	30	10	SOT-543 (EMD4)		YES
147	RB480Y		FH	T2R	–	30	100*2	1	0.53	100	1	10			YES
148	RB481Y-40		FH	T2R	40	40	200	1	0.45	100	90	40			YES
149	RB480Y-40	*	FH	T2R	40	40	200	1	0.55	100	10	40			YES
150	RB481Y-90		FH	T2R	90	90	100*2	1	0.61	100	100	90			YES
151	RB480Y-90		FH	T2R	90	90	100*2	1	0.69	100	5	90			YES
152	RB481K		FH	TL	30	30	200*2	1	0.5	200	30	10	SOT-343 (UMD4)		YES
153	RB480K		FH	TL	45	40	100*2	1	0.6	100	1	10			YES
154	RB496KA		–	TR	–	20	1,000*2	5	0.43	1,000	800	10	SOT-353 (TUMD5)		–
155	RBE1KA20A		–	TR	30	20	1,000	3	0.43	500	200	20			–
156	RB471E		FH	T148	40	40	100*2	1	0.55	100	30	10	SOT-25 (SMD5)		YES
157	RB496EA		–	TR	20	20	1,000*2	10	0.4	1,000	500	10	SOT-25T (TSMD5)		–
158	RBE2EA20A		–	TR	30	20	2,000	5	0.39	1,000	700	20			–
159	RB552EA		FH	TR	30	30	1,000	7	0.59	500	8	15			YES
160	RB550EA		FH	TR	30	30	1,400	15	0.49	700	50	30			YES
161	RB530XN		FH	TR	–	30	100*2	1	0.53	100	1	10	SOT-363 (UMD6)		YES
162	RB531XN		FH	TR	–	30	100*2	1	0.43	100	30	10			YES
163	RB541XN		FH	TR	–	30	100	0.5	0.35	10	10	10			YES
164	RB731XN		FH	TR	40	40	30	0.2	0.37	1	1	10			YES
165	RB731U		FH	T108	40	40	30	0.2	0.37	1	1	10	SOT-457 (SMD6)		YES
166	RB061US-30		–	TR	30	30	2,000	8	0.4	2,000	900	15	(TSMD8)		–

＊：一般产品的产品性能代码为空白。
＊1：每个元件的平均输出电流为Io(1个元件)、1/2 Io(2个元件)或1/3 Io(3个元件)。
＊2：每个元件的规格。
封装采用JEDEC表示。( )内表示ROHM封装。

C 二极管

●中功率肖特基势垒二极管(高效率型)一览表

V_R (V)	I_O (A)	Package							
		3516 Size				4725 Size			
		SOD-123FL (PMDU)				SOD-128 (PMDTM)			
		超低V_F型		低V_F型		超低V_F型		低V_F型	
20	1	RBS1MM40A	1			RBS1LAM40A	7		
	2	RBS2MM40A RBS2MM40B RBS2MM40C	2 3 4			RBS2LAM40A RBS2LAM40B RBS2LAM40C	8 9 10		
	3	RBS3MM40A RBS3MM40B	5 6			RBS3LAM40A RBS3LAM40B RBS3LAM40C	11 12 13		
	5					RBS5LAM40A	14		
30	1			RBR1MM30A	15			RBR1LAM30A	31
	2			RBR2MM30A RBR2MM30B	16 17			RBR2LAM30A	32
	3			RBR3MM30A	18			RBR3LAM30A RBR3LAM30B	33 34
	5							RBR5LAM30A RBR5LAM30B	35 36
40	1			RBR1MM40A	19			RBR1LAM40A	37
	2			RBR2MM40A RBR2MM40B RBR2MM40C	20 21 22			RBR2LAM40A	38
	3			RBR3MM40A RBR3MM40B	23 24			RBR3LAM40A RBR3LAM40B RBR3LAM40C	39 40 41
	5							RBR5LAM40A	42
60	1			RBR1MM60A	25			RBR1LAM60A	43
	2			RBR2MM60A RBR2MM60B RBR2MM60C	26 27 28			RBR2LAM60A RBR2LAM60B	44 45
	3			RBR3MM60B RBR3MM60A	29 30			RBR3LAM60A RBR3LAM60B	46 47
	5							RBR5LAM60A	48

封装采用JEDEC表示。( )内表示ROHM封装。

●中功率肖特基势垒二极管(标准品)一览表

V_R (V)	I_O (A)	Package											
		3516 Size						4725 Size					
		SOD-123FL(PMDU)						SOD-128(PMDTM)					
		超低V_F型		低V_F型		超低I_R型		超低V_F型		低V_F型		超低I_R型	
20	1	RB161MM-20	1										
	3	RB051MM-2Y	2					New RB051LAM-40	4				
	5							New RB081LAM-20 New RSX501LAM20	5 6				
30	1	RSX101MM-30	3	RB162MM-30 RB160MM-30	10 11	RB168MM-30	35					RB168LAM-30	44
	1.5			RB070MM-30	12								
	2			RB060MM-30	13	RB068MM-30	36	New RSX201LAM30 New RSX205LAM30	7 8			RB068LAM-30	45
	3							New RSX301LAM30	9	New RB050LAM-30 New RB055LAM-30	22 23	RB058LAM-30	46
	5									New RB080LAM-30	24	New RB088LAM-30	47
40	1			RB162MM-40 RB160MM-40 RB160MM-50	14 15 16	RB168MM-40	37			New RB160LAM-40 New RB162LAM-40	25 26	RB168LAM-40	48
	2			RB060MM-40	17	RB068MM-40	38			New RB060LAM-40	27	RB068LAM-40	49
	3									New RB050LAM-40 New RB055LAM-40 New RB056LAM-40	28 29 30	RB058LAM-40	50
	5											New RB088LAM-40	51
60	1			RB162MM-60 RB160MM-60	18 19	RB168MM-60	39			New RB162LAM-60	31	RB168LAM-60	52
	2			RB060MM-60	20	RB068MM-60	40					RB068LAM-60	53
	3									New RB050LAM-60 New RB055LAM-60	32 33	RB058LAM-60	54
	5											New RB088LAM-60	55
90	1			RB160MM-90	21					New RB160LAM-90	34		
100	1					RB168MM100	41					RB168LAM100	56
	2					RB068MM100	42					RB068LAM100	57
	3											RB058LAM100	58
	5											New RB088LAM100	59
150	1					RB168MM150	43					RB168LAM150	60
	2											RB068LAM150	61
	3											RB058LAM150	62
	5											New RB088LAM150	63

封装采用JEDEC表示。( )内表示ROHM封装。

肖特基势垒二极管

肖特基势垒二极管
例: RBR1MM30A TF TR
型号 产品性能代码 包装代码

中功率肖特基势垒二极管(高效率型)

Quick Reference No.	Product No. Part No.	Grade Code General	Grade Code Automotive	Taping Code	Absolute Maximum Ratings(Tc=25°C) V_{RM} (V)	V_R (V)	I_O (A)	I_{FSM}(A) 60Hz.1㏈	Electrical Characteristics(Tj=25°C) V_F(V) Max.	I_F(A)	I_R(mA) Max.	V_R(V)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
超低V_F型															
1	RBS1MM40A		–	TR	40	20	1	25	0.38	1	0.4	20	SOD-123FL (PMDU)		–
2	RBS2MM40A		–	TR	40	20	2	25	0.48	2	0.4	20			–
3	RBS2MM40B		–	TR	40	20	2	35	0.41	2	0.5	20			–
4	RBS2MM40C		–	TR	40	20	2	45	0.39	2	0.6	20			–
5	RBS3MM40A		–	TR	40	20	3	35	0.49	3	0.5	20			–
6	RBS3MM40B		–	TR	40	20	3	45	0.45	3	0.6	20			–
7	RBS1LAM40A	*	–	TR	40	20	1	40	0.38	1	0.4	20	SOD-128 (PMDTM)		–
8	RBS2LAM40A		–	TR	40	20	2	40	0.48	2	0.4	20			–
9	RBS2LAM40B		–	TR	40	20	2	50	0.41	2	0.5	20			–
10	RBS2LAM40C		–	TR	40	20	2	80	0.37	2	0.8	20			–
11	RBS3LAM40A		–	TR	40	20	3	50	0.49	3	0.5	20			–
12	RBS3LAM40B		–	TR	40	20	3	60	0.45	3	0.6	20			–
13	RBS3LAM40C		–	TR	40	20	3	80	0.4	3	0.8	20			–
14	RBS5LAM40A		–	TR	40	20	5	80	0.49	5	0.8	20			–
低V_F型															
15	RBR1MM30A		TF	TR	30	30	1	30	0.48	1	0.05	30	SOD-123FL (PMDU)		YES
16	RBR2MM30A		TF	TR	30	30	2	30	0.53	2	0.05	30			YES
17	RBR2MM30B		TF	TR	30	30	2	30	0.49	2	0.08	30			YES
18	RBR3MM30A		TF	TR	30	30	3	30	0.51	3	0.1	30			YES
19	RBR1MM40A		TF	TR	40	40	1	20	0.52	1	0.05	40			YES
20	RBR2MM40A		TF	TR	40	40	2	20	0.62	2	0.05	40			YES
21	RBR2MM40B		TF	TR	40	40	2	30	0.55	2	0.08	40			YES
22	RBR2MM40C		TF	TR	40	40	2	30	0.52	2	0.1	40			YES
23	RBR3MM40A		TF	TR	40	40	3	30	0.62	3	0.08	40			YES
24	RBR3MM40B		TF	TR	40	40	3	30	0.58	3	0.1	40			YES
25	RBR1MM60A		TF	TR	60	60	1	20	0.53	1	0.075	60			YES
26	RBR2MM60A		TF	TR	60	60	2	20	0.65	2	0.075	60			YES
27	RBR2MM60B		TF	TR	60	60	2	30	0.58	2	0.1	60			YES
28	RBR2MM60C		TF	TR	60	60	2	30	0.55	2	0.12	60			YES
29	RBR3MM60B		TF	TR	60	60	3	30	0.61	3	0.12	60			YES
30	RBR3MM60A		TF	TR	60	60	3	30	0.66	3	0.1	60			YES
31	RBR1LAM30A	*	TF	TR	30	30	1	40	0.48	1	0.05	30	SOD-128 (PMDTM)		YES
32	RBR2LAM30A		TF	TR	30	30	2	45	0.49	2	0.08	30			YES
33	RBR3LAM30A		TF	TR	30	30	3	40	0.58	3	0.05	30			YES
34	RBR3LAM30B		TF	TR	30	30	3	45	0.53	3	0.08	30			YES
35	RBR5LAM30A		TF	TR	30	30	5	75	0.54	5	0.1	30			YES
36	RBR5LAM30B		TF	TR	30	30	5	100	0.49	5	0.15	30			YES
37	RBR1LAM40A		TF	TR	40	40	1	40	0.52	1	0.05	40			YES
38	RBR2LAM40A		TF	TR	40	40	2	45	0.55	2	0.08	40			YES
39	RBR3LAM40A		TF	TR	40	40	3	40	0.69	3	0.05	40			YES
40	RBR3LAM40B		TF	TR	40	40	3	45	0.62	3	0.08	40			YES
41	RBR3LAM40C		TF	TR	40	40	3	75	0.55	3	0.1	40			YES
42	RBR5LAM40A		TF	TR	40	40	5	100	0.53	5	0.2	40			YES
43	RBR1LAM60A		TF	TR	60	60	1	40	0.53	1	0.075	60			YES
44	RBR2LAM60A		TF	TR	60	60	2	40	0.65	2	0.075	60			YES
45	RBR2LAM60B		TF	TR	60	60	2	75	0.52	2	0.15	60			YES
46	RBR3LAM60A		TF	TR	60	60	3	45	0.66	3	0.1	60			YES
47	RBR3LAM60B		TF	TR	60	60	3	75	0.56	3	0.15	60			YES
48	RBR5LAM60A		TF	TR	60	60	5	100	0.55	5	0.25	60			YES

＊：一般产品的产品性能代码为空白。
封装采用JEDEC表示。( )内表示ROHM封装。

肖特基势垒二极管
例: RB160MM-30TFTR
型号 / 产品性能代码 / 包装代码

中功率肖特基势垒二极管(标准品)

Quick Reference No.	Product No. Part No.	Grade Code General	Grade Code Automotive	Taping Code	Absolute Maximum Ratings(Tc=25°C) V_{RM} (V)	V_R (V)	I_O (A)	I_{FSM}(A) 60Hz.1㎝	Electrical Characteristics(Tj=25°C) V_F(V) Max.	I_F(A)	I_R(mA) Max.	V_R(V)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
超低V_F型															
1	RB161MM-20		–	TR	25	20	1	30	0.35	1	0.7	20	SOD-123FL (PMDU)		–
2	RB051MM-2Y		–	TR	20	20	3	30	0.46	3	0.9	20			–
3	RSX101MM-30		TF	TR	30	30	1	45	0.39	1	0.2	30			YES
4	New RB051LAM-40		–	TR	40	20	3	80	0.45	3	0.15	15	SOD-128 (PMDTM)		–
5	New RB081LAM-20	*	–	TR	25	20	5	80	0.45	5	0.7	20			–
6	New RSX501LAM20		–	TR	20	20	5	100	0.39	3	0.5	20			–
7	New RSX201LAM30		TF	TR	30	30	2	60	0.44	2	0.15	30			YES
8	New RSX205LAM30		TF	TR	30	30	2	60	0.49	2	0.2	30			YES
9	New RSX301LAM30		TF	TR	30	30	3	100	0.42	3	0.2	30			YES
低V_F型															
10	RB162MM-30		TF	TR	30	30	1	30	0.52	1	0.1	30	SOD-123FL (PMDU)		YES
11	RB160MM-30		TF	TR	30	30	1	30	0.48	1	0.05	30			YES
12	RB070MM-30		TF	TR	30	30	1.5	30	0.49	1.5	0.05	30			YES
13	RB060MM-30		TF	TR	30	30	2	55	0.49	2	0.05	30			YES
14	RB162MM-40		TF	TR	40	40	1	30	0.55	1	0.1	40			YES
15	RB160MM-40		TF	TR	40	40	1	30	0.51	1	0.03	40			YES
16	RB160MM-50		TF	TR	50	40	1	30	0.51	1	0.03	40			YES
17	RB060MM-40		TF	TR	40	40	2	30	0.56	2	0.5	40			YES
18	RB162MM-60		TF	TR	60	60	1	20	0.65	1	0.1	60			YES
19	RB160MM-60		TF	TR	60	60	1	30	0.55	1	0.05	60			YES
20	RB060MM-60		TF	TR	60	60	2	30	0.61	2	0.05	60			YES
21	RB160MM-90		TF	TR	90	90	1	30	0.73	1	0.1	90			YES
22	New RB050LAM-30	*	TF	TR	30	30	3	100	0.45	3	0.15	30	SOD-128 (PMDTM)		YES
23	New RB055LAM-30		TF	TR	30	30	3	55	0.55	3	0.05	30			YES
24	New RB080LAM-30		TF	TR	30	30	5	100	0.51	5	0.15	30			YES
25	New RB160LAM-40		TF	TR	40	40	1	50	0.55	1	0.1	40			YES
26	New RB162LAM-40		TF	TR	40	40	1	40	0.55	1	0.1	40			YES
27	New RB060LAM-40		TF	TR	40	40	2	80	0.50	2	0.1	40			YES
28	New RB050LAM-40		TF	TR	40	40	3	80	0.55	3	0.1	40			YES
29	New RB055LAM-40		TF	TR	40	40	3	70	0.62	3	0.1	40			YES
30	New RB056LAM-40		TF	TR	40	40	3	50	0.67	3	0.05	40			YES
31	New RB162LAM-60		TF	TR	60	60	1	40	0.65	1	0.1	60			YES
32	New RB050LAM-60		TF	TR	60	60	3	80	0.56	3	0.1	60			YES
33	New RB055LAM-60		TF	TR	60	60	3	50	0.68	3	0.07	60			YES
34	New RB160LAM-90		TF	TR	95	90	1	50	0.73	1	0.1	90			YES
超低I_R型															
35	RB168MM-30		TF	TR	30	30	1	30	0.69	1	0.0006	30	SOD-123FL (PMDU)		YES
36	RB068MM-30		TF	TR	30	30	2	50	0.7	2	0.0008	30			YES
37	RB168MM-40		TF	TR	40	40	1	40	0.65	1	0.00055	40			YES
38	RB068MM-40		TF	TR	40	40	2	40	0.725	2	0.00055	40			YES
39	RB168MM-60		TF	TR	60	60	1	40	0.68	1	0.0015	60			YES
40	RB068MM-60		TF	TR	60	60	2	40	0.765	2	0.0015	60			YES
41	RB168MM100		TF	TR	100	100	1	40	0.81	1	0.0004	100			YES
42	RB068MM100		TF	TR	100	100	2	40	0.87	2	0.0004	100			YES
43	RB168MM150		TF	TR	150	150	1	35	0.84	1	0.004	150			YES
44	RB168LAM-30		TF	TR	30	30	1	40	0.69	1	0.0006	30	SOD-128 (PMDTM)		YES
45	RB068LAM-30		TF	TR	30	30	2	50	0.7	2	0.0008	30			YES
46	RB058LAM-30		TF	TR	30	30	3	80	0.68	3	0.0025	30			YES
47	New RB088LAM-30		TF	TR	30	30	5	80	0.69	5	0.0025	30			YES
48	RB168LAM-40		TF	TR	40	40	1	40	0.69	1	0.0005	40			YES
49	RB068LAM-40	*	TF	TR	40	40	2	50	0.69	2	0.001	40			YES
50	RB058LAM-40		TF	TR	40	40	3	90	0.69	3	0.005	40			YES
51	New RB088LAM-40		TF	TR	40	40	5	90	0.71	5	0.0036	40			YES
52	RB168LAM-60		TF	TR	60	60	1	40	0.68	1	0.0015	60			YES
53	RB068LAM-60		TF	TR	60	60	2	70	0.68	2	0.002	60			YES
54	RB058LAM-60		TF	TR	60	60	3	90	0.64	3	0.004	60			YES
55	New RB088LAM-60		TF	TR	60	60	5	90	0.71	5	0.004	60			YES
56	RB168LAM100		TF	TR	100	100	1	40	0.81	1	0.0004	100			YES
57	RB068LAM100		TF	TR	100	100	2	70	0.81	2	0.0015	100			YES
58	RB058LAM100		TF	TR	100	100	3	80	0.81	3	0.003	100			YES
59	New RB088LAM100		TF	TR	100	100	5	80	0.87	5	0.003	100			YES
60	RB168LAM150		TF	TR	150	150	1	50	0.84	1	0.0025	150			YES
61	RB068LAM150		TF	TR	150	150	2	70	0.81	2	0.003	150			YES
62	RB058LAM150		TF	TR	150	150	3	80	0.84	3	0.003	150			YES
63	New RB088LAM150		TF	TR	150	150	5	80	0.9	5	0.003	150			YES

＊：一般产品的产品性能代码为空白。
封装采用JEDEC表示。( )内表示ROHM封装。

C 二极管

肖特基势垒二极管

●功率肖特基势垒二极管(高效率型)一览表

V_R (V)	I_O (A)	Package															
		TO-252 (DPAK)				TO-263S (D2PAK)				TO-220FN <3pin>				TO-220FN <2pin>			
		低V_F型		低I_R型		低V_F型		低I_R型		低V_F型		低I_R型		低I_R型			
30	10	RBR10BM30A	1			RBR10NS30A	10			RBR10T30A	22						
	15	RBR15BM30A	2														
	20	RBR20BM30A	3			RBR20NS30A	11			RBR20T30A	23						
	30					RBR30NS30A	12			RBR30T30A	24						
	40					New RBR40NS30A	13										
40/45	10	RBR10BM40A	4	RBQ10BM45A	31	RBR10NS40A	14	RBQ10NS45A	37	RBR10T40A	25	RBQ10T45A	44				
	15	RBR15BM40A	5	RBQ15BM45A	32												
	20	RBR20BM40A	6	RBQ20BM45A	33	RBR20NS40A	15	RBQ20NS45A	38	RBR20T40A	26	RBQ20T45A	45				
	30					RBR30NS40A	16	RBQ30NS45A RBQ30NS45B	39 43	RBR30T40A	27	RBQ30T45A	46	RBQ30TB45B	50		
	40					New RBR40NS40A	17										
60/65	10	RBR10BM60A	7	RBQ10BM65A	34	RBR10NS60A	18	RBQ10NS65A	40	RBR10T60A	28	RBQ10T65A	47				
	15	RBR15BM60A	8	RBQ15BM65A	35												
	20	RBR20BM60A	9	RBQ20BM65A	36	RBR20NS60A	19	RBQ20NS65A	41	RBR20T60A	29	RBQ20T65A	48				
	30					RBR30NS60A	20	RBQ30NS65A	42	RBR30T60A	30	RBQ30T65A	49				
	40					RBR40NS60A	21										

封装采用JEDEC表示。( )内表示ROHM封装。

●功率肖特基势垒二极管(标准品)一览表

V_R (V)	I_O (A)	Package											
		TO-252 (DPAK)				TO-263S (D2PAK)				TO-220FN <3pin>			
		低V_F型		超低I_R型		低V_F型		超低I_R型		低V_F型		超低I_R型	
30	5			RB078BM30S	24								
	6	RB095BM-30	1	RB098BM-30	25								
	10	RB085BM-30	2	RB088BM-30	26			RB088NS-30	36			RB088T-30	57
	20							RB218NS-30	37			RB218T-30	58
	30							RB228NS-30	38			RB228T-30	59
	40							RB238NS-30	39			RB238T-30	60
40	5			RB075BM40S	27								
	6	RB095BM-40	3	RB098BM-40	28					RB095T-40	10		
	10	RB085BM-40	4	RB088BM-40	29			RB088NS-40	40	RB085T-40	11	RB088T-40	61
	15									RB205T-40	12		
	20							RB218NS-40	41	RB215T-40	13	RB218T-40	62
	30					RB225NS-40	9	RB228NS-40	42	RB225T-40	14	RB228T-40	63
	40							RB238NS-40	43			RB238T-40	64
60	6	RB095BM-60	5	RB098BM-60	30					RB095T-60	15		
	10	RB085BM-60	6	RB088BM-60	31			RB088NS-60	44	RB085T-60	16	RB088T-60	65
	15									RB205T-60	17		
	20							RB218NS-60	45	RB215T-60	18	RB218T-60	66
	30							RB228NS-60	46	RB225T-60	19	RB228T-60	67
	40							RB238NS-60	47			RB238T-60	68
90	6	RB095BM-90	7							RB095T-90	20		
	10	RB085BM-90	8							RB085T-90	21		
	15									RB205T-90	22		
	20									RB215T-90	23		
100	6			RB098BM100	32								
	10			RB088BM100	33			RB088NS100	48			RB088T100	69
	20							RB218NS100	49			RB218T100	70
	30							RB228NS100 RB298NS100	50 51			RB228T100 RB298T100	71 42
	40							RB238NS100	52			RB238T100	73
150	6			RB098BM150	34								
	10			RB088BM150	35			RB088NS150	53			RB088T150	74
	20							RB218NS150	54			RB218T150	75
	30							RB228NS150	55			RB228T150	76
	40							RB238NS150	56			RB238T150	77

封装采用JEDEC表示。( )内表示ROHM封装。

肖特基势垒二极管
例: RBR10BM30A FH TL
型号 / 产品性能代码 / 包装代码

功率肖特基势垒二极管(高效率型)

Quick Reference No.	Product No. Part No.	Grade Code General	Grade Code Automotive	Taping Code	Absolute Maximum Ratings(Tc=25°C) V_{RM} (V)	V_R (V)	I_O*1 (A)	I_{FSM}(A)*2 60Hz.1㎝	Electrical Characteristics(Tj=25°C) V_F(V) Max.	I_F(A)	I_R(mA) Max.	V_R(V)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
低V_F型															
1	RBR10BM30A		FH	TL	30	30	10	50	0.55	5	0.1	30	TO-252 (DPAK)		YES
2	RBR15BM30A		FH	TL	30	30	15	100	0.51	7.5	0.2	30			YES
3	RBR20BM30A		FH	TL	30	30	20	100	0.51	10	0.3	30			YES
4	RBR10BM40A		FH	TL	40	40	10	50	0.62	5	0.12	40			YES
5	RBR15BM40A		FH	TL	40	40	15	100	0.55	7.5	0.24	40			YES
6	RBR20BM40A		FH	TL	40	40	20	100	0.55	10	0.36	40			YES
7	RBR10BM60A		FH	TL	60	60	10	50	0.65	5	0.2	60			YES
8	RBR15BM60A		FH	TL	60	60	15	100	0.58	7.5	0.4	60			YES
9	RBR20BM60A		FH	TL	60	60	20	100	0.59	10	0.6	60			YES
10	RBR10NS30A		FH	TL	30	30	10	50	0.55	5	0.1	30	TO-263S (D2PAK)		YES
11	RBR20NS30A	*	FH	TL	30	30	20	100	0.55	10	0.2	30			YES
12	RBR30NS30A		FH	TL	30	30	30	100	0.55	15	0.3	30			YES
13	New RBR40NS30A		FH	TL	30	30	40	100	0.52	20	0.6	30			YES
14	RBR10NS40A		FH	TL	40	40	10	50	0.62	5	0.12	40			YES
15	RBR20NS40A		FH	TL	40	40	20	100	0.62	10	0.24	40			YES
16	RBR30NS40A		FH	TL	40	40	30	100	0.62	15	0.36	40			YES
17	New RBR40NS40A		FH	TL	40	40	40	100	0.55	20	0.43	40			YES
18	RBR10NS60A		FH	TL	60	60	10	50	0.65	5	0.2	60			YES
19	RBR20NS60A		FH	TL	60	60	20	100	0.64	10	0.4	60			YES
20	RBR30NS60A		FH	TL	60	60	30	100	0.67	15	0.6	60			YES
21	RBR40NS60A		FH	TL	60	60	40	100	0.6	20	0.8	60			YES
22	RBR10T30A	NZ	HZ	C9	30	30	10	50	0.55	5	0.1	30	TO-220FN <3pin>		YES
23	RBR20T30A	NZ	HZ	C9	30	30	20	100	0.55	10	0.2	30			YES
24	RBR30T30A	NZ	HZ	C9	30	30	30	100	0.55	15	0.3	30			YES
25	RBR10T40A	NZ	HZ	C9	40	45	10	50	0.62	5	0.12	40			YES
26	RBR20T40A	NZ	HZ	C9	40	45	20	100	0.62	10	0.24	40			YES
27	RBR30T40A	NZ	HZ	C9	40	45	30	100	0.62	15	0.36	40			YES
28	RBR10T60A	NZ	HZ	C9	60	60	10	50	0.65	5	0.2	60			YES
29	RBR20T60A	NZ	HZ	C9	60	60	20	100	0.64	10	0.4	60			YES
30	RBR30T60A	NZ	HZ	C9	60	60	30	100	0.67	15	0.6	60			YES
低I_R型															
31	RBQ10BM45A		FH	TL	45	45	10	50	0.65	5	0.07	45	TO-252 (DPAK)		YES
32	RBQ15BM45A		FH	TL	45	45	15	100	0.59	7.5	0.14	45			YES
33	RBQ20BM45A		FH	TL	45	45	20	100	0.59	10	0.2	45			YES
34	RBQ10BM65A		FH	TL	65	65	10	50	0.69	5	0.07	65			YES
35	RBQ15BM65A		FH	TL	65	65	15	100	0.63	7.5	0.14	65			YES
36	RBQ20BM65A		FH	TL	65	65	20	100	0.63	10	0.2	65			YES
37	RBQ10NS45A	*	FH	TL	45	45	10	100	0.65	5	0.07	45	TO-263S (D2PAK)		YES
38	RBQ20NS45A		FH	TL	45	45	20	100	0.65	10	0.14	45			YES
39	RBQ30NS45A		FH	TL	45	45	30	100	0.65	15	0.2	45			YES
40	RBQ10NS65A		FH	TL	65	65	10	100	0.69	5	0.07	65			YES
41	RBQ20NS65A		FH	TL	65	65	20	100	0.69	10	0.14	65			YES
42	RBQ30NS65A		FH	TL	65	65	30	100	0.69	15	0.2	65			YES
43	RBQ30NS45B		FH	TL	45	45	30	100	0.59	30	0.7	45			YES
44	RBQ10T45A	NZ	HZ	C9	45	45	10	100	0.65	5	0.07	45	TO-220FN <3pin>		YES
45	RBQ20T45A	NZ	HZ	C9	45	45	20	100	0.65	10	0.14	45			YES
46	RBQ30T45A	NZ	HZ	C9	45	45	30	100	0.65	15	0.2	45			YES
47	RBQ10T65A	NZ	HZ	C9	65	65	10	100	0.69	5	0.07	65			YES
48	RBQ20T65A	NZ	HZ	C9	65	65	20	100	0.69	10	0.14	65			YES
49	RBQ30T65A	NZ	HZ	C9	65	65	30	100	0.69	15	0.2	65			YES
50	RBQ30TB45B	NZ	HZ	C9	45	45	30	100	0.59	30	0.7	45	TO-220FN <2pin>		YES

＊：一般产品的产品性能代码为空白。
＊1：每个元件的平均输出电流为Io (1个元件)、1/2Io(2个元件)或1/3 Io(3个元件)。
＊2：每个元件的规格。
封装采用JEDEC表示。( )内表示ROHM封装。

肖特基势垒二极管

肖特基势垒二极管
例: R B 0 9 5 B M – 3 0 F H T L
型号 产品性能代码 包装代码

功率肖特基势垒二极管(标准品)

Quick Reference No.	Product No. Part No.	Grade Code General	Grade Code Automotive	Taping Code	Absolute Maximum Ratings(Tc=25°C) V_{RM} (V)	V_R (V)	I_O*1 (A)	I_{FSM}(A)*2 60Hz.1㎝	Electrical Characteristics(Tj=25°C)*2 V_F(V) Max.	I_F(A)	I_R(mA) Max.	V_R(V)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
低V_F型															
1	RB095BM-30		FH	TL	35	30	6	50	0.425	3	0.2	30			YES
2	RB085BM-30		FH	TL	35	30	10	50	0.48	4	0.3	30			YES
3	RB095BM-40		FH	TL	45	40	6	50	0.55	3	0.1	40			YES
4	RB085BM-40		FH	TL	45	40	10	50	0.55	5	0.2	40	TO-252 (DPAK)		YES
5	RB095BM-60		FH	TL	60	60	6	50	0.58	3	0.3	60			YES
6	RB085BM-60	*	FH	TL	60	60	10	50	0.58	5	0.3	60			YES
7	RB095BM-90		FH	TL	90	90	6	50	0.75	3	0.15	90			YES
8	RB085BM-90		FH	TL	90	90	10	50	0.83	5	0.15	90			YES
9	RB225NS-40		FH	TL	40	40	30	50	0.55	15	0.5	40	TO-263S (D2PAK)		YES
10	RB095T-40	NZ	HZ	C9	45	40	6	100	0.55	3	0.1	40			YES
11	RB085T-40	NZ	HZ	C9	45	40	10	100	0.55	5	0.2	40			YES
12	RB205T-40	NZ	HZ	C9	45	40	15	100	0.55	7.5	0.3	40			YES
13	RB215T-40	NZ	HZ	C9	45	40	20	100	0.55	10	0.5	40			YES
14	RB225T-40	NZ	HZ	C9	40	40	30	100	0.63	15	0.5	40			YES
15	RB095T-60	NZ	HZ	C9	60	60	6	100	0.58	3	0.1	60			YES
16	RB085T-60	NZ	HZ	C9	60	60	10	100	0.58	5	0.3	60	TO-220FN <3pin>		YES
17	RB205T-60	NZ	HZ	C9	60	60	15	100	0.58	7.5	0.6	60			YES
18	RB215T-60	NZ	HZ	C9	60	60	20	100	0.58	10	0.6	60			YES
19	RB225T-60	NZ	HZ	C9	60	60	30	100	0.63	15	0.6	60			YES
20	RB095T-90	NZ	HZ	C9	90	90	6	100	0.75	3	0.15	90			YES
21	RB085T-90	NZ	HZ	C9	90	90	10	100	0.83	5	0.15	90			YES
22	RB205T-90	NZ	HZ	C9	90	90	15	100	0.78	7.5	0.3	90			YES
23	RB215T-90	NZ	HZ	C9	90	90	20	100	0.75	10	0.4	90			YES
超低I_R型															
24	RB078BM30S		FH	TL	35	30	5	50	0.72	5	0.005	30			YES
25	RB098BM-30		FH	TL	35	30	6	50	0.72	3	0.0015	30			YES
26	RB088BM-30		FH	TL	35	30	10	50	0.72	5	0.003	30			YES
27	RB075BM40S		FH	TL	40	40	5	50	0.75	5	0.005	40			YES
28	RB098BM-40		FH	TL	45	40	6	50	0.77	3	0.0015	40	TO-252 (DPAK)		YES
29	RB088BM-40		FH	TL	45	40	10	50	0.77	5	0.003	40			YES
30	RB098BM-60		FH	TL	60	60	6	50	0.83	3	0.0015	60			YES
31	RB088BM-60		FH	TL	60	60	10	50	0.83	5	0.003	60			YES
32	RB098BM100		FH	TL	110	100	6	100	0.77	3	0.003	100			YES
33	RB088BM100		FH	TL	100	100	10	100	0.87	5	0.005	100			YES
34	RB098BM150		FH	TL	150	150	6	100	0.83	3	0.007	150			YES
35	RB088BM150		FH	TL	150	150	10	100	0.88	5	0.015	150			YES
36	RB088NS-30		FH	TL	35	30	10	50	0.72	5	0.003	30			YES
37	RB218NS-30		FH	TL	35	30	20	100	0.72	10	0.005	30			YES
38	RB228NS-30		FH	TL	35	30	30	100	0.72	15	0.01	30			YES
39	RB238NS-30		FH	TL	35	30	40	100	0.75	20	0.012	30			YES
40	RB088NS-40		FH	TL	45	40	10	50	0.77	5	0.003	40			YES
41	RB218NS-40		FH	TL	45	40	20	100	0.77	10	0.005	40			YES
42	RB228NS-40		FH	TL	45	40	30	100	0.77	15	0.01	40			YES
43	RB238NS-40		FH	TL	45	40	40	100	0.8	20	0.012	40			YES
44	RB088NS-60		FH	TL	60	60	10	50	0.83	5	0.003	60			YES
45	RB218NS-60		FH	TL	60	60	20	100	0.83	10	0.005	60			YES
46	RB228NS-60		FH	TL	60	60	30	100	0.83	15	0.01	60			YES
47	RB238NS-60		FH	TL	60	60	40	100	0.86	20	0.012	60			YES
48	RB088NS100		FH	TL	110	100	10	100	0.87	5	0.005	100			YES
49	RB218NS100		FH	TL	110	100	20	100	0.87	10	0.007	100			YES
50	RB228NS100		FH	TL	110	100	30	100	0.87	5	0.005	100			YES
51	RB298NS100		FH	TL	110	100	30	100	0.87	15	0.01	100			YES
52	RB238NS100		FH	TL	110	100	40	100	0.86	20	0.02	100			YES
53	RB088NS150		FH	TL	150	150	10	50	0.88	5	0.015	150			YES
54	RB218NS150		FH	TL	150	150	20	100	0.88	10	0.02	150			YES
55	RB228NS150		FH	TL	150	150	30	100	0.88	15	0.025	150			YES
56	RB238NS150		FH	TL	150	150	40	100	0.87	20	0.03	150			YES
57	RB088T-30	NZ	HZ	C9	35	30	10	50	0.72	5	0.003	30			YES
58	RB218T-30	NZ	HZ	C9	35	30	20	100	0.72	10	0.005	30			YES
59	RB228T-30	NZ	HZ	C9	35	30	30	100	0.72	15	0.01	30			YES
60	RB238T-30	NZ	HZ	C9	35	30	40	100	0.75	20	0.012	30			YES
61	RB088T-40	NZ	HZ	C9	45	40	10	50	0.77	5	0.003	40			YES
62	RB218T-40	NZ	HZ	C9	45	40	20	100	0.77	10	0.005	40			YES
63	RB228T-40	NZ	HZ	C9	45	40	30	100	0.77	15	0.01	40			YES
64	RB238T-40	NZ	HZ	C9	45	40	40	100	0.8	20	0.012	40			YES
65	RB088T-60	NZ	HZ	C9	60	60	10	50	0.83	5	0.003	60			YES
66	RB218T-60	NZ	HZ	C9	60	60	20	100	0.83	10	0.005	60			YES
67	RB228T-60	NZ	HZ	C9	60	60	30	100	0.83	15	0.01	60			YES
68	RB238T-60	NZ	HZ	C9	60	60	40	100	0.86	20	0.012	60	TO-220FN <3pin>		YES
69	RB088T100	NZ	HZ	C9	110	100	10	100	0.87	5	0.005	100			YES
70	RB218T100	NZ	HZ	C9	110	100	20	100	0.87	10	0.007	100			YES
71	RB228T100	NZ	HZ	C9	110	100	30	100	0.87	5	0.005	100			YES
72	RB298T100	NZ	HZ	C9	110	100	30	100	0.87	15	0.01	100			YES
73	RB238T100	NZ	HZ	C9	110	100	40	100	0.86	20	0.02	100			YES
74	RB088T150	NZ	HZ	C9	150	150	10	50	0.88	5	0.015	150			YES
75	RB218T150	NZ	HZ	C9	150	150	20	100	0.88	10	0.02	150			YES
76	RB228T150	NZ	HZ	C9	150	150	30	100	0.88	15	0.025	150			YES
77	RB238T150	NZ	HZ	C9	150	150	40	100	0.87	20	0.03	150			YES

＊：一般产品的产品性能代码为空白。
＊1：每个元件的平均输出电流为Io (1个元件)、1/2Io(2个元件)或1/3 Io(3个元件)。
＊2：每个元件的规格。
封装采用JEDEC表示。( )内表示ROHM封装。

快速恢复二极管

快速恢复二极管
例: R F 0 1 V M 2 S F H T E – 1 7
型号 产品性能代码 包装代码

●小信号/中功率快速恢复二极管

V_R (V)	I_O (A)	Surface Mount type															
		1608 Size		2512 Size		2514 Size				3516 Size		4725 Size		2928 Size	
		SOD-523 (EMD2)		SOD-323FL (UMD2)		(TUMD2M)		(TUMD2SM)		SOD-123FL (PMDU)		SOD-128 (PMDTM)		SOT-457T (TSMD6)	
100	0.5					RF05VAM1S RF05VYM1S	3 4								
200	0.4													RF04UA2D	24
	0.5					RF05VAM2S RF05VYM2S	5 6			RFC02MM2S	9				
	0.7									RF071MM2S	10				
	0.8									RF081MM2S	11				
	1											RF101LAM2S	12		
	1.1											RF081LAM2S	13		
	2											RF201LAM2S RF202LAM2S	14 15		
	3											RF302LAM2S	16		
250	0.1			RF01VM2S	2										
400	1											New RF071LAM4S New RF101LAM4S	17 18		
	1.5											New RF201LAM4S New RFN2LAM4S	19 20		
450	0.1	RFU01SM4S	1												
600	0.2							RFU02VSM6S	7						
	0.8											RFN1LAM6S	21		
	1.5											RFN2LAM6S	22		
700	0.8											RFN1LAM7S	23		
800	0.2							RFU02VSM8S	8						

封装采用JEDEC表示。( )内表示ROHM封装。

小信号/中功率快速恢复二极管

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25°C or T_j=25°C)				Absolute Maximum Ratings(T_j=25°C)*2							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O (A)	I_{FSM}(A) 60Hz.1㎝	V_F(V) Max.	I_F(A)	I_R(μA) Max.	V_R(V)	trr(ns) Max.	I_F(A)	I_R(A)			
		General	Automotive															
1	RFU01SM4S		–	T2R	450	450	0.1	1	1.8	0.1	10	450	35	0.1	0.1	SOD-523 (EMD2)		–
2	RF01VM2S	*	FH	TE-17	250	250	0.1	1	1.2	0.1	10	250	50	*3		SOD-323FL (UMD2)		YES
3	RF05VAM1S		–	TR	100	100	0.5	6	0.98	0.5	10	100	25	0.5	1			–
4	RF05VYM1S	–	FH	TR	100	100	0.5	6	0.98	0.5	10	100	25	0.5	1	(TUMD2M)		YES
5	RF05VAM2S	*	–	TR	200	200	0.5	6	0.98	0.5	10	200	25	0.5	1			–
6	RF05VYM2S	–	FH	TR	200	200	0.5	6	0.98	0.5	10	200	25	0.5	1			YES
7	RFU02VSM6S		–	TR	600	600	0.2	1	2.2	0.2	10	600	35	0.1	0.1	(TUMD2M)		–
8	RFU02VSM8S		–	TR	800	800	0.2	1	3	0.2	10	800	35	0.1	0.1			–
9	RFC02MM2S		TF	TR	200	200	0.5	10	0.95	0.5	1	200	35	0.1	0.2	SOD-123FL (PMDU)		YES
10	RF071MM2S		TF	TR	200	200	0.7	15	0.85	0.7	10	200	25	0.5	1			YES
11	RF081MM2S		TF	TR	200	200	0.8	20	0.95	0.8	10	200	25	0.5	1			YES
12	RF101LAM2S		TF	TR	200	200	1	20	0.87	1	10	200	25	0.5	1	SOD-128 (PMDTM)		YES
13	RF081LAM2S		TF	TR	200	200	1.1	25	0.98	1	10	200	25	0.5	1			YES
14	RF201LAM2S		TF	TR	200	200	2	20	0.87	2	10	200	25	0.5	1			YES
15	RF202LAM2S		TF	TR	200	200	2	20	0.93	2	10	200	25	0.5	1			YES
16	RF302LAM2S	*	TF	TR	200	200	3	20	0.92	3	10	200	25	0.5	1			YES
17	New RF071LAM4S		TF	TR	400	400	1	15	1.25	0.7	10	400	25	0.5	1			YES
18	New RF101LAM4S		TF	TR	400	400	1	25	1.25	1	10	400	25	0.5	1			YES
19	New RF201LAM4S		TF	TR	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1			YES
20	New RFN2LAM4S		TF	TR	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1			YES
21	RFN1LAM6S		TF	TR	600	600	0.8	15	1.45	0.8	1	600	35	0.5	1			YES
22	RFN2LAM6S		TF	TR	600	600	1.5	40	1.55	1.5	1	600	35	0.5	1			YES
23	RFN1LAM7S		TF	TR	700	700	0.8	15	1.5	0.8	1	700	80	0.5	1			YES
24	RF04UA2D		FH	TR	200	200	0.4	1	0.98	0.2	10	200	25	0.5	1	SOT-457T (TSMD6)		YES

*：一般产品的产品性能代码为空白。
*1：每个元件的平均输出电流为Io(含1个元件)或1/2 Io(含2个元件)。 *2：每个元件的规格。 *3：V_R=6V, I_F=10mA, Irr=0.1I_R
封装采用JEDEC表示。( )内表示ROHM封装。

快速恢复二极管

●功率快速恢复二极管一览表

V_R (V)	I_O (A)	Surface Mount type				Leaded type											
		TO-252 (DPAK)		TO-263S (D2PAK)		TO-220FN <2pin>		TO-220FN <3pin>		TO-220NFM <2pin>		TO-220AC		TO-220ACFP		TO-247	
200	3	RF301BM2S RFN3BM2S	21 22														
	5	RF501BM2S RFN5BM2S	23 24														
	6	RF601BM2D RFN6BM2D	1 2					RF601T2D RFN6T2D	8 9								
	10			RF1001NS2D	3			RF1001T2D RFN10T2D	10 11								
	16			RF1601NS2D	4			RF1601T2D RFN16T2D	12 13								
	20			RF2001NS2D	5			RF2001T2D RFN20T2D	14 15								
300	20			RF2001NS3D	6			RF2001T3D	16	RF1501TF3S	55						
350	5	RFN5BM3S	25														
	10	RFN10BM3S	33	RFN10NS3S	35												
	20			RFN20NS3S RFUH25NS3S RFUH20NS3S	36 37 38	RFUH25TB3S RFUH20TB3S	49 50										
430	10			RFN10NS4S RFUH10NS4S	39 40	RFN10TB4S RFUH10TB4S	51 52										
	20			RFN20NS4S RFUH20NS4S	41 42	RFN20TB4S RFUH20TB4S	53 54										
600	3	RFN3BM6S RF305BM6S	26 27														
	5	RFNL5BM6S RFN5BM6S RF505BM6S RFV5BM6S	28 29 30 31							RFN5TF6S RF505TF6S RFUH5TF6S	56 57 58			RFNL5TJ6S	65		
	8	RFV8BM6S	32									RFV8TG6S RFVS8TG6S	75 76	RFV8TJ6S RFVS8TJ6S	66 67		
	10	RFN10BM6S	34	RFN10NS6S RFUH10NS6S	43 44					RFN10TF6S RF1005TF6S RFUH10TF6S	59 60 61			RFNL10TJ6S	68		
	12											RFV12TG6S	77	RFV12TJ6S	69		
	15											RFV15TG6S	78	RFNL15TJ6S RFV15TJ6S	70 71		
	20			RFN20NS6S RFUH20NS6S	45 46					RFN20TF6S RFUH20TF6S	62 63			RFNL20TJ6S RFN20TJ6S RFUH20TJ6S	72 73 74		
	30											RFV30TG6S	79			RFN30TS6D RFUH30TS6D RFN30TS6S RFUH30TS6S	17 18 47 48
	60															RFN60TS6D RFUH60TS6D	19 20
800	5									RFN5TF8S	64						
	10			RFN10NS8D	7												

封装采用JEDEC表示。( )内表示ROHM封装。

C 二极管

快速恢复二极管
例: RFN6BM2DFHTL
型号 产品性能代码 包装代码

功率快速恢复二极管1

Quick Reference No.	Product No.				Absolute Maximum Ratings(Tc=25°C)				Electrical Characteristics(Tj=25°C)							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (A)	I_{FSM}(A)*2 60Hz.1㎝	V_F(V) Max.	I_F(A)	I_R(μA) Max.	V_R(V)	trr(ns)/ Max.	I_F(A)	I_R(A)			
		General	Automotive															
1	RF601BM2D		FH	TL	200	200	6	60	0.93	3	10	200	25	0.5	1	TO-252 (DPAK)		YES
2	RFN6BM2D		FH	TL	200	200	6	40	0.98	3	10	200	25	0.5	1			YES
3	RF1001NS2D		FH	TL	200	200	10	80	0.93	5	10	200	25	0.5	1	TO-263S (D2PAK)		YES
4	RF1601NS2D	*	FH	TL	200	200	16	100	0.93	8	10	200	30	0.5	1			YES
5	RF2001NS2D		FH	TL	200	200	20	100	0.93	10	10	200	30	0.5	1			YES
6	RF2001NS3D		FH	TL	350	300	20	100	1.3	10	10	300	25	0.5	1			YES
7	RFN10NS8D		FH	TL	800	800	10	60	2.1	5	10	800	40	0.5	1			YES
8	RF601T2D	NZ	HZ	C9	200	200	6	60	0.93	3	10	200	25	0.5	1	TO-220FN <3pin>		YES
9	RFN6T2D	NZ	HZ	C9	200	200	6	40	0.98	3	10	200	25	0.5	1			YES
10	RF1001T2D	NZ	HZ	C9	200	200	10	80	0.93	5	10	200	30	0.5	1			YES
11	RFN10T2D	NZ	HZ	C9	200	200	10	80	0.98	5	10	200	25	0.5	1			YES
12	RF1601T2D	NZ	HZ	C9	200	200	16	100	0.93	8	10	200	30	0.5	1			YES
13	RFN16T2D	NZ	HZ	C9	200	200	16	100	0.98	8	10	200	30	0.5	1			YES
14	RF2001T2D	NZ	HZ	C9	200	200	20	100	0.93	10	10	200	30	0.5	1			YES
15	RFN20T2D	NZ	HZ	C9	200	200	20	100	0.98	10	10	200	30	0.5	1			YES
16	RF2001T3D	NZ	HZ	C9	350	300	20	100	1.3	10	10	300	25	0.5	1			YES
17	RFN30TS6D	G	–	C11	600	600	30	120	1.55	15	10	600	55	0.5	1	TO-247		–
18	RFUH30TS6D	G	–	C11	600	600	30	80	2.8	15	10	600	30	0.5	1			–
19	RFN60TS6D	G	–	C11	600	600	60	180	1.55	30	10	600	60	0.5	1			–
20	RFUH60TS6D	G	–	C11	600	600	60	120	2.8	30	10	600	35	0.5	1			–
21	RF301BM2S		FH	TL	200	200	3	40	0.93	3	10	200	25	0.5	1	TO-252 (DPAK)		YES
22	RFN3BM2S		FH	TL	200	200	3	40	0.98	3	10	200	25	0.5	1			YES
23	RF501BM2S		FH	TL	200	200	5	40	0.92	5	1	200	25	0.5	1			YES
24	RFN5BM2S		FH	TL	200	200	5	40	0.98	5	10	200	25	0.5	1			YES
25	RFN5BM3S		FH	TL	350	350	5	50	1.5	5	10	350	30	0.5	1			YES
26	RFN3BM6S		FH	TL	600	600	3	20	1.55	3	10	600	30	0.5	1			YES
27	RF305BM6S	*	FH	TL	600	600	3	50	1.7	3	10	600	30	0.5	1			YES
28	RFNL5BM6S		FH	TL	600	600	5	50	1.3	5	10	600	60	0.5	1			YES
29	RFN5BM6S		FH	TL	600	600	5	30	1.55	5	10	600	50	0.5	1			YES
30	RF505BM6S		FH	TL	600	600	5	50	1.7	5	10	600	30	0.5	1			YES
31	RFV5BM6S		FH	TL	600	600	5	60	2.8	5	10	600	20	0.5	1			YES
32	RFV8BM6S		FH	TL	600	600	8	100	2.8	8	10	600	25	0.5	1			YES
33	RFN10BM3S		FH	TL	350	350	10	80	1.5	10	10	350	30	0.5	1	TO-252 (DPAK)		YES
34	RFN10BM6S		FH	TL	600	600	10	100	1.55	10	10	600	50	0.5	1			YES
35	RFN10NS3S		FH	TL	350	350	10	100	1.5	10	10	350	30	0.5	1	TO-263S (D2PAK)		YES
36	RFN20NS3S		FH	TL	350	350	20	100	1.35	20	10	350	35	0.5	1			YES
37	RFUH25NS3S		FH	TL	350	350	20	100	1.45	20	10	350	30	0.5	1			YES
38	RFUH20NS3S		FH	TL	350	350	20	100	1.5	20	10	350	25	0.5	1			YES
39	RFN10NS4S		FH	TL	430	430	10	80	1.55	10	10	430	30	0.5	1			YES
40	RFUH10NS4S	*	FH	TL	430	430	10	80	1.7	10	10	430	25	0.5	1			YES
41	RFN20NS4S		FH	TL	430	430	20	100	1.55	20	10	430	30	0.5	1			YES
42	RFUH20NS4S		FH	TL	430	430	20	100	1.7	20	10	430	25	0.5	1			YES
43	RFN10NS6S		FH	TL	600	600	10	100	1.55	10	10	600	50	0.5	1			YES
44	RFUH10NS6S		FH	TL	600	600	10	60	2.8	10	10	600	25	0.5	1			YES
45	RFN20NS6S		FH	TL	600	600	20	100	1.55	20	10	600	60	0.5	1			YES
46	RFUH20NS6S		FH	TL	600	600	20	100	2.8	20	10	600	35	0.5	1			YES
47	RFN30TS6S	G	–	C11	600	600	30	200	1.55	30	10	600	60	0.5	1	TO-247		–
48	RFUH30TS6S	G	–	C11	600	600	30	150	2.8	30	10	600	35	0.5	1			–

＊：一般产品的产品性能代码为空白。
＊1：每个元件的平均输出电流为Io(1个元件)、1/2 Io(2个元件)或1/3 Io(3个元件)。　＊2：每个元件的规格。
封装采用JEDEC表示。( )内表示ROHM封装。

快速恢复二极管

快速恢复二极管
例: R F U H 2 5 T B 3 S H Z C 9
型号 产品性能代码 包装代码

功率快速恢复二极管2

Quick Reference No.	Product No.				Absolute Maximum Ratings(Tc=25°C)				Electrical Characteristics(Tj=25°C)							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O (A)	I_{FSM}(A) 60Hz.1㎝	V_F(V) Max.	I_F(A)	I_R(μA) Max.	V_R(V)	trr(ns)/ Max.	I_F(A)	I_R(A)			
		General	Automotive															
49	RFUH25TB3S	NZ	HZ	C9	350	350	20	100	1.45	20	10	350	30	0.5	1	TO-220FN <2pin>		YES
50	RFUH20TB3S	NZ	HZ	C9	350	350	20	100	1.5	20	10	350	25	0.5	1			YES
51	RFN10TB4S	NZ	HZ	C9	430	430	10	80	1.55	10	10	430	30	0.5	1			YES
52	RFUH10TB4S	NZ	HZ	C9	430	430	10	80	1.7	10	10	430	25	0.5	1			YES
53	RFN20TB4S	NZ	HZ	C9	430	430	20	100	1.55	20	10	430	30	0.5	1			YES
54	RFUH20TB4S	NZ	HZ	C9	430	430	20	100	1.7	20	10	430	25	0.5	1			YES
55	RF1501TF3S	*	FH	C9	350	300	20	100	1.5	20	10	300	30	0.5	1	TO-220NFM <2pin>		YES
56	RFN5TF6S		FH	C9	600	600	5	30	1.55	5	10	600	50	0.5	1			YES
57	RF505TF6S		FH	C9	600	600	5	80	1.7	5	10	600	30	0.5	1			YES
58	RFUH5TF6S		FH	C9	600	600	5	30	2.8	5	10	600	25	0.5	1			YES
59	RFN10TF6S		FH	C9	600	600	10	100	1.55	10	10	600	50	0.5	1			YES
60	RF1005TF6S		FH	C9	600	600	10	100	1.7	10	10	600	40	0.5	1			YES
61	RFUH10TF6S		FH	C9	600	600	10	60	2.8	10	10	600	25	0.5	1			YES
62	RFN20TF6S		FH	C9	600	600	20	100	1.55	20	10	600	60	0.5	1			YES
63	RFUH20TF6S		FH	C9	600	600	20	100	2.8	20	10	600	35	0.5	1			YES
64	RFN5TF8S		FH	C9	800	800	5	60	2.1	5	10	800	40	0.5	1			YES
65	RFNL5TJ6S	G	FHG	C9	600	600	5	50	1.3	5	10	600	60	0.5	1	TO-220ACFP		YES
66	RFV8TJ6S	G	–	C9	600	600	8	100	2.8	8	10	600	25	0.5	1			–
67	RFVS8TJ6S	G	–	C9	600	600	8	60	3	8	10	600	20	0.5	1			–
68	RFNL10TJ6S	G	FHG	C9	600	600	10	120	1.25 1.3	8 10	10	600	65	0.5	1			YES
69	RFV12TJ6S	G	–	C9	600	600	12	120	2.8	12	10	600	25	0.5	1			–
70	RFNL15TJ6S	G	FHG	C9	600	600	15	160	1.3	15	10	600	65	0.5	1			YES
71	RFV15TJ6S	G	–	C9	600	600	15	150	2.8	15	10	600	30	0.5	1			–
72	RFNL20TJ6S	G	FHG	C9	600	600	20	200	1.3	20	10	600	70	0.5	1			YES
73	RFN20TJ6S	G	FHG	C9	600	600	20	150	1.55	20	10	600	60	0.5	1			YES
74	RFUH20TJ6S	G	FHG	C9	600	600	20	120	2.8	20	10	600	35	0.5	1			YES
75	RFV8TG6S	G	–	C9	600	600	8	100	2.8	8	10	600	25	0.5	1	TO-220AC		–
76	RFVS8TG6S	G	–	C9	600	600	8	60	3	8	10	600	20	0.5	1			–
77	RFV12TG6S	G	–	C9	600	600	12	120	2.8	12	10	600	25	0.5	1			–
78	RFV15TG6S	G	–	C9	600	600	15	150	2.8	15	10	600	30	0.5	1			–
79	RFV30TG6S	G	–	C9	600	600	30	200	2.8	30	10	600	40	0.5	1			–

＊：一般产品的产品性能代码为空白。
封装采用JEDEC表示。( )内表示ROHM封装。

整流二极管

整流二极管
例: RR1VWM4S TF TR
型号 / 产品性能代码 / 包装代码

●整流二极管一览表

	V_{RM} (V)	Io (A)	Surface Mount type												Leaded type	
			2513 Size (PMDE)		2514 Size (TUMD2SM)		3516 Size SOD-123FL (PMDU)		4725 Size SOD-128 (PMDTM)		2928 Size SOT-25T (TSMD5)		TO-252 (DPAK)		TO-220ACFP	
General Purpose Rectifier Diodes	400	0.2			RRE02VSM4S RRE02VTM4S	3 4										
		0.4									RRE04EA4D	18				
		0.7			RRE07VSM4S RRE07VTM4S	5 6	RRD07MM4S RR264MM-400	11 12								
		1	RR1VWM4S	1					RR1LAM4S	14	RR274EA-400	19				
		2							RR2LAM4S	15						
	600	0.2			RRE02VSM6S RRE02VTM6S	7 8										
		0.4									RRE04EA6D	20				
		0.7			RRE07VSM6S RRE07VTM6S	9 10										
		1	RR1VWM6S	2			RR268MM-600	13	RR1LAM6S	16						
		2							RR2LAM6S	17						
High-Speed Rectifier Diodes	400	1							RRU1LAM4S	21						
Power Rectifier Diodes	400	6											RR601BM4S	22		
	1000	20													RRD20TJ10S	23

封装采用JEDEC表示。( )内表示ROHM封装。

一般整流二极管

Quick Reference No.	Part No.	Grade Code: General	Grade Code: Automotive	Taping Code	V_{RM} (V)	V_R (V)	Io*1 (A)	I_{FSM}(A) 60Hz.1㎝	V_F(V) Max.	I_F (A)	I_R(μA) Max.	V_R (V)	trr(ns)/ Max.	I_F (mA)	I_R (mA)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
1	RR1VWM4S	*	TF	TR	400	400	1	15	1.2	1	10	400	–	–	–	(PMDE)		YES
2	RR1VWM6S		TF	TR	600	600	1	15	1.2	1	10	600	–	–	–			YES
3	RRE02VSM4S		–	TR	400	400	0.2	1	1.1	0.2	1	400	–	–	–	(TUMD2SM)		–
4	RRE02VTM4S	–	FH	TR	400	400	0.2	1	1.1	0.2	1	400	–	–	–			YES
5	RRE07VSM4S	*	–	TR	400	400	0.7	2	1.1	0.7	1	400	–	–	–			–
6	RRE07VTM4S	–	FH	TR	400	400	0.7	2	1.1	0.7	1	400	–	–	–			YES
7	RRE02VSM6S	*	–	TR	600	600	0.2	1	1.1	0.2	1	600	–	–	–			–
8	RRE02VTM6S	–	FH	TR	600	600	0.2	1	1.1	0.2	1	600	–	–	–			YES
9	RRE07VSM6S	*	–	TR	600	600	0.7	2	1.1	0.7	1	600	–	–	–			–
10	RRE07VTM6S	–	FH	TR	600	600	0.7	2	1.1	0.7	1	600	–	–	–			YES
11	RRD07MM4S	*	–	TR	400	400	0.7	150*3	0.98	0.7	1	400	–	–	–	SOD-123FL (PMDU)		–
12	RR264MM-400		TF	TR	400	400	0.7	25	1.1	0.7	10	400	–	–	–			YES
13	RR268MM-600		TF	TR	600	400	1	25	0.98	1	10	400	–	–	–			YES
14	RR1LAM4S		TF	TR	500	400	1	30	1.1	1	10	400	–	–	–	SOD-128 (PMDTM)		YES
15	RR2LAM4S		TF	TR	400	400	2	50	1.1	2	10	400	–	–	–			YES
16	RR1LAM6S		TF	TR	750	600	1	30	1.1	1	10	600	–	–	–			YES
17	RR2LAM6S		TF	TR	600	600	2	50	1.1	2	10	600	–	–	–			YES
18	RRE04EA4D		FH	TR	400	400	0.4	2	1.1	0.2	1	400	–	–	–	SOT-25T (TSMD5)		YES
19	RR274EA-400		FH	TR	400	400	1	8	1.1	0.5	10	400	–	–	–			YES
20	RRE04EA6D		FH	TR	600	600	0.4	2	1.1	0.2	1	600	–	–	–			YES
高速整流二极管																		
21	RRU1LAM4S	*	TF	TR	500	400	1	20	1.3	0.8	10	400	400	10	10	SOD-128 (PMDTM)		YES
功率整流二极管																		
22	RR601BM4S	*	FH	TL	400	400	6	40	1.1	6	10	400	–	–	–	TO-252 (DPAK)		YES
23	RRD20TJ10S	G	–	C9	1,000	1,000	20	200	1.05	20	10	1,000	–	–	–	TO-220ACFP		–

＊：一般产品的产品性能代码为空白。
＊1：每个元件的平均输出电流为Io (含1个元件)或1/2 Io (含2个元件)。 ＊2：每个元件的规格。 ＊3：I_{FRM}保证：放电波形t=500us(1/2peak), 1pulse/4s, Rth<80℃/W
封装采用JEDEC表示。( )内表示ROHM封装。

齐纳二极管

齐纳二极管
例: CDZ FH T2RA 2.0B
型号 / 产品性能代码 / 包装代码 / 齐纳电压 / 细区分

齐纳二极管1

Package	Surface Mount type																	
	0402 Size DSN0402-2(SMD0402)				0603 Size DSN0603-2(SMD0603)				0603 Size SOD-962(GMD2)				1006 Size SOD-923(VMN2)					
Equivalent Circuit Diagram																		
Series Name	RASMID FDZ Series				RASMID SDZ Series				GDZ Series				CDZ Series					
Automotive Grade Code	–				–				–				FH					
Power(mW)	100				100				100				100					
Taping Code	T27R				T15R				T2R				T2RA					
Electrical Characteristics (Ta=25°C)	Vz (V)		Iz (mA)	Automotive Grade AEC-Q101	Vz (V)		Iz (mA)	Automotive Grade AEC-Q101	Vz (V)		Iz (mA)	Automotive Grade AEC-Q101	Vz (V)		Iz (mA)	Automotive Grade AEC-Q101		
Voltage	–	–	–	–	–	–	–	–	–	–	–	–	2.0B	2.02 to 2.20	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	2.2B	2.22 to 2.41	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	2.4B	2.43 to 2.63	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	2.7B	2.69 to 2.91	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	3.0B	3.01 to 3.22	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	3.3B	3.32 to 3.53	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	3.6B	3.600 to 3.845	5	YES		
	–	–	–	–	–	–	–	–	3.9	3.74 to 4.16	5	–	3.9B	3.89 to 4.16	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	4.3B	4.17 to 4.43	5	YES		
	–	–	–	–	–	–	–	–	4.7	4.42 to 4.90	5	–	4.7B	4.55 to 4.75	5	YES		
	5.1	4.84 to 5.37	5	–	5.1	4.84 to 5.37	5	–	5.1	4.84 to 5.37	5	–	5.1B	4.98 to 5.20	5	YES		
	5.6	5.31 to 5.92	5	–	5.6	5.31 to 5.92	5	–	5.6	5.31 to 5.92	5	–	5.6B	5.49 to 5.73	5	YES		
	6.2	5.86 to 6.53	5	–	6.2	5.86 to 6.53	5	–	6.2	5.86 to 6.53	5	–	6.2B	6.06 to 6.33	5	YES		
	6.8	6.47 to 7.14	5	–	6.8	6.47 to 7.14	5	–	6.8	6.47 to 7.14	5	–	6.8B	6.65 to 6.93	5	YES		
	7.5	7.06 to 7.84	5	–	7.5	7.06 to 7.84	5	–	7.5	7.06 to 7.84	5	–	7.5B	7.28 to 7.60	5	YES		
	8.2	7.76 to 8.64	5	–	8.2	7.76 to 8.64	5	–	8.2	7.76 to 8.64	5	–	8.2B	8.02 to 8.36	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	9.1B	8.85 to 9.23	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	10B	9.77 to 10.21	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	11B	10.76 to 11.22	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	12B	11.74 to 12.24	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	13B	12.91 to 13.49	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	15B	14.34 to 14.98	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	16B	15.85 to 16.51	5	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	18B	17.56 to 18.35	2	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	20B	19.52 to 20.39	2	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	22B	21.54 to 22.47	2	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	24B	23.72 to 24.78	2	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	27B	26.19 to 27.53	2	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	30B	29.19 to 30.69	2	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	33B	32.15 to 33.79	2	YES		
	–	–	–	–	–	–	–	–	–	–	–	–	36B	35.07 to 36.87	2	YES		

Package	Surface Mount type																	
	1006 Size SOD-923(VMN2M)				1608 Size SOD-523(EMD2)				2512 Size SOD-323FL(UMD2)				2512 Size SOD-323FL(UMD2)				2514 Size (TUMD2M)			
Equivalent Circuit Diagram																				
Series Name	CDZV Series				EDZV Series				New UFZV Series				UDZV Series				TFZV Series			
Automotive Grade Code	–				FH				FH				FH				–			
Power(mW)	100				150				500				200				500			
Taping Code	T2R				T2R				TE-17				TE-17				TR			
Electrical Characteristics (Ta=25°C)	Vz (V)		Iz (mA)	Automotive Grade AEC-Q101	Vz (V)		Iz (mA)	Automotive Grade AEC-Q101	Vz (V)		Iz (mA)	Automotive Grade AEC-Q101	Vz (V)		Iz (mA)	Automotive Grade AEC-Q101	Vz (V)		Iz (mA)	Automotive Grade AEC-Q101
Voltage	2.0B	2.02 to 2.20	5	–	2.0B	2.02 to 2.20	5	YES	–	–	–	–	2.0B	2.02 to 2.20	5	YES	2.0B	2.02 to 2.20	20	–
	2.2B	2.22 to 2.41	5	–	2.2B	2.22 to 2.41	5	YES	–	–	–	–	2.2B	2.22 to 2.41	5	YES	2.2B	2.22 to 2.41	20	–
	2.4B	2.43 to 2.63	5	–	2.4B	2.43 to 2.63	5	YES	–	–	–	–	2.4B	2.43 to 2.63	5	YES	2.4B	2.43 to 2.63	20	–
	2.7B	2.69 to 2.91	5	–	2.7B	2.69 to 2.91	5	YES	–	–	–	–	2.7B	2.69 to 2.91	5	YES	2.7B	2.69 to 2.91	20	–
	3.0B	3.01 to 3.22	5	–	3.0B	3.01 to 3.22	5	YES	–	–	–	–	3.0B	3.01 to 3.22	5	YES	3.0B	3.01 to 3.22	20	–
	3.3B	3.32 to 3.53	5	–	3.3B	3.32 to 3.53	5	YES	–	–	–	–	3.3B	3.32 to 3.53	5	YES	3.3B	3.32 to 3.53	20	–
	3.6B	3.600 to 3.845	5	–	3.6B	3.600 to 3.845	5	YES	3.6B	3.580 to 3.836	20	YES	3.6B	3.600 to 3.845	5	YES	3.6B	3.600 to 3.845	20	–
	3.9B	3.89 to 4.16	5	–	3.9B	3.89 to 4.16	5	YES	3.9B	3.870 to 4.151	20	YES	3.9B	3.89 to 4.16	5	YES	3.9B	3.89 to 4.16	20	–
	4.3B	4.17 to 4.43	5	–	4.3B	4.17 to 4.43	5	YES	4.3B	4.151 to 4.423	20	YES	4.3B	4.17 to 4.43	5	YES	4.3B	4.17 to 4.43	20	–
	4.7B	4.55 to 4.75	5	–	4.7B	4.55 to 4.75	5	YES	4.7B	4.534 to 4.795	20	YES	4.7B	4.55 to 4.75	5	YES	4.7B	4.55 to 4.80	20	–
	5.1B	4.98 to 5.20	5	–	5.1B	4.98 to 5.20	5	YES	5.1B	4.940 to 5.200	20	YES	5.1B	4.98 to 5.20	5	YES	5.1B	4.94 to 5.20	20	–
	5.6B	5.49 to 5.73	5	–	5.6B	5.49 to 5.73	5	YES	5.6B	5.450 to 5.730	20	YES	5.6B	5.49 to 5.73	5	YES	5.6B	5.45 to 5.73	20	–
	6.2B	6.06 to 6.33	5	–	6.2B	6.06 to 6.33	5	YES	6.2B	5.976 to 6.307	20	YES	6.2B	6.06 to 6.33	5	YES	6.2B	5.96 to 6.27	20	–
	6.8B	6.65 to 6.93	5	–	6.8B	6.65 to 6.93	5	YES	6.8B	6.525 to 6.865	20	YES	6.8B	6.65 to 6.93	5	YES	6.8B	6.49 to 6.83	20	–
	7.5B	7.28 to 7.60	5	–	7.5B	7.28 to 7.60	5	YES	7.5B	7.104 to 7.509	20	YES	7.5B	7.28 to 7.60	5	YES	7.5B	7.07 to 7.45	20	–
	8.2B	8.02 to 8.36	5	–	8.2B	8.02 to 8.36	5	YES	8.2B	7.827 to 8.265	20	YES	8.2B	8.02 to 8.36	5	YES	8.2B	7.78 to 8.19	20	–
	9.1B	8.85 to 9.23	5	–	9.1B	8.85 to 9.23	5	YES	9.1B	8.635 to 9.106	20	YES	9.1B	8.85 to 9.23	5	YES	9.1B	8.57 to 9.01	20	–
	10B	9.77 to 10.21	5	–	10B	9.77 to 10.21	5	YES	10B	9.497 to 10.050	20	YES	10B	9.77 to 10.21	5	YES	10B	9.41 to 9.90	20	–
	11B	10.76 to 11.22	5	–	11B	10.76 to 11.22	5	YES	11B	10.550 to 11.160	10	YES	11B	10.76 to 11.22	5	YES	11B	10.50 to 11.05	10	–
	12B	11.74 to 12.24	5	–	12B	11.74 to 12.24	5	YES	12B	11.510 to 12.160	10	YES	12B	11.74 to 12.24	5	YES	12B	11.44 to 12.03	10	–
	13B	12.91 to 13.49	5	–	13B	12.91 to 13.49	5	YES	13B	12.640 to 13.340	10	YES	13B	12.91 to 13.49	5	YES	13B	12.55 to 13.21	10	–
	15B	14.34 to 14.98	5	–	15B	14.34 to 14.98	5	YES	15B	14.000 to 14.790	10	YES	15B	14.34 to 14.98	5	YES	15B	13.89 to 14.62	10	–
	16B	15.85 to 16.51	5	–	16B	15.85 to 16.51	5	YES	16B	15.390 to 16.240	10	YES	16B	15.85 to 16.51	5	YES	16B	15.25 to 16.04	10	–
	18B	17.56 to 18.35	2	–	18B	17.56 to 18.35	5	YES	18B	17.000 to 17.950	10	YES	18B	17.56 to 18.35	5	YES	18B	16.82 to 17.70	10	–
	20B	19.52 to 20.39	2	–	20B	19.52 to 20.39	5	YES	20B	18.870 to 19.890	10	YES	20B	19.52 to 20.39	5	YES	20B	18.63 to 19.59	10	–
	22B	21.54 to 22.47	2	–	22B	21.54 to 22.47	5	YES	22B	20.770 to 21.920	5	YES	22B	21.54 to 22.47	5	YES	22B	20.64 to 21.71	5	–
	24B	23.72 to 24.78	2	–	24B	23.72 to 24.78	5	YES	24B	22.780 to 24.020	5	YES	24B	23.72 to 24.78	5	YES	24B	22.61 to 23.77	5	–
	27B	26.19 to 27.53	2	–	27B	26.19 to 27.53	2	YES	27B	25.190 to 26.560	5	YES	27B	26.19 to 27.53	5	YES	27B	24.97 to 26.26	5	–
	30B	29.19 to 30.69	2	–	30B	29.19 to 30.69	2	YES	30B	27.980 to 29.500	5	YES	30B	29.19 to 30.69	5	YES	30B	27.70 to 29.13	5	–
	33B	32.15 to 33.79	2	–	33B	32.15 to 33.79	2	YES	33B	30.660 to 32.320	5	YES	33B	32.15 to 33.79	5	YES	33B	30.32 to 31.88	5	–
	36B	35.07 to 36.87	2	–	36B	35.07 to 36.87	2	YES	36B	33.230 to 35.010	5	YES	36B	35.07 to 36.87	5	YES	36B	32.79 to 34.49	5	–
	–	–	–	–	–	–	–	–	39B	35.880 to 37.790	5	YES	39B	38.02 to 39.98	2	YES	39B	35.36 to 37.19	5	–
	–	–	–	–	–	–	–	–	–	–	–	–	43	40.00 to 45.00	2	YES	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	47	44.00 to 49.00	2	YES	–	–	–	–

◎RASMID：采用ROHM独有的新工艺，实现小型化，具有惊人尺寸精度的超小型产品系列。
注) 表中是量产中的细区分。
封装采用JEDEC表示。( )内表示ROHM封装。

齐纳二极管
例: YFZV FH TR 2.0 B
型号 | 产品性能代码 | 包装代码 | 齐纳电压 | 细区分

齐纳二极管2

Surface Mount type

Package	2514 Size (TUMD2M)				2513 Size (TUMD2M)				2514 Size (TUMD2M)				3516 Size SOD-123FL(PMDU)				2120 Size SOT-343(UMD4)			
Equivalent Circuit Diagram																				
Series Name	YFZV Series				New TDZV Series				New YDZV Series				KDZV Series				UMZ Series			
Automotive Grade Code	FH				–				FH				TF				FH			
Power(mW)	500				500				500				1,000				200			
Taping Code	TR				TR				TR				TR				TL			
Electrical Characteristics (Ta=25°C)		Vz (V)	Iz (mA)	Automotive Grade AEC-Q101		Vz (V)	Iz (mA)	Automotive Grade AEC-Q101		Vz (V)	Iz (mA)	Automotive Grade AEC-Q101		Vz (V)	Iz (mA)	Automotive Grade AEC-Q101		Vz (V)	Iz (mA)	Automotive Grade AEC-Q101
Voltage	2.0B	2.02 to 2.20	20	YES	–	–	–	–	–	–	–	–	2.0B	2.00 to 2.24	40	YES	–	–	–	–
	2.2B	2.22 to 2.41	20	YES	–	–	–	–	–	–	–	–	2.2B	2.20 to 2.45	40	YES	–	–	–	–
	2.4B	2.43 to 2.63	20	YES	–	–	–	–	–	–	–	–	2.4B	2.40 to 2.70	40	YES	–	–	–	–
	2.7B	2.69 to 2.91	20	YES	–	–	–	–	–	–	–	–	2.7B	2.70 to 3.10	40	YES	–	–	–	–
	3.0B	3.01 to 3.22	20	YES	–	–	–	–	–	–	–	–	3.0B	3.00 to 3.40	40	YES	–	–	–	–
	3.3B	3.32 to 3.53	20	YES	–	–	–	–	–	–	–	–	3.3B	3.30 to 3.70	40	YES	–	–	–	–
	3.6B	3.600 to 3.845	20	YES	–	–	–	–	–	–	–	–	3.6B	3.60 to 4.00	40	YES	3.6K	3.600 to 3.845	5	YES
	3.9B	3.89 to 4.16	20	YES	–	–	–	–	–	–	–	–	3.9B	3.90 to 4.40	40	YES	3.9K	3.89 to 4.16	5	YES
	4.3B	4.17 to 4.43	20	YES	–	–	–	–	–	–	–	–	4.3B	4.30 to 4.80	40	YES	4.3K	4.17 to 4.43	5	YES
	4.7B	4.55 to 4.80	20	YES	–	–	–	–	–	–	–	–	4.7B	4.70 to 5.20	40	YES	4.7K	4.55 to 4.75	5	YES
	5.1B	4.94 to 5.20	20	YES	5.1	4.60 to 5.60	10	–	5.1	4.60 to 5.60	10	YES	5.1B	5.10 to 5.70	40	YES	5.1K	4.98 to 5.20	5	YES
	5.6B	5.45 to 5.73	20	YES	5.6	5.10 to 6.10	10	–	5.6	5.10 to 6.10	10	YES	5.6B	5.60 to 6.30	40	YES	5.6K	5.49 to 5.73	5	YES
	6.2B	5.96 to 6.27	20	YES	6.2	5.60 to 6.80	10	–	6.2	5.60 to 6.80	10	YES	6.2B	6.20 to 7.00	40	YES	6.2K	6.06 to 6.33	5	YES
	6.8B	6.49 to 6.83	20	YES	6.8	6.20 to 7.40	10	–	6.8	6.20 to 7.40	10	YES	6.8B	6.80 to 7.70	40	YES	6.8K	6.65 to 6.93	5	YES
	7.5B	7.07 to 7.45	20	YES	7.5	6.80 to 8.30	10	–	7.5	6.80 to 8.30	10	YES	7.5B	7.50 to 8.40	40	YES	7.5K	7.28 to 7.60	5	YES
	8.2B	7.78 to 8.19	20	YES	8.2	7.40 to 9.00	10	–	8.2	7.40 to 9.00	10	YES	8.2B	8.20 to 9.30	40	YES	8.2K	8.02 to 8.36	5	YES
	9.1B	8.57 to 9.01	20	YES	9.1	8.20 to 10.00	10	–	9.1	8.20 to 10.00	10	YES	9.1B	9.10 to 10.20	40	YES	9.1K	8.85 to 9.23	5	YES
	10B	9.41 to 9.90	20	YES	10	9.00 to 11.00	10	–	10	9.00 to 11.00	10	YES	10B	10.00 to 11.20	40	YES	10K	9.77 to 10.21	5	YES
	11B	10.50 to 11.05	10	YES	11	9.90 to 12.10	10	–	11	9.90 to 12.10	10	YES	11B	11.00 to 12.30	20	YES	11K	10.76 to 11.22	5	YES
	12B	11.44 to 12.03	10	YES	12	10.80 to 13.20	10	–	12	10.80 to 13.20	10	YES	12B	12.00 to 13.50	20	YES	12K	11.74 to 12.24	5	YES
	13B	12.55 to 13.21	10	YES	13	11.70 to 14.30	10	–	13	11.70 to 14.30	10	YES	13B	13.30 to 15.00	20	YES	13K	12.91 to 13.49	5	YES
	15B	13.89 to 14.62	10	YES	15	13.50 to 16.50	10	–	15	13.50 to 16.50	10	YES	15B	14.70 to 16.50	20	YES	15K	14.34 to 14.98	5	YES
	16B	15.25 to 16.04	10	YES	16	14.40 to 17.60	10	–	16	14.40 to 17.60	10	YES	16B	16.20 to 18.30	20	YES	16K	15.85 to 16.51	5	YES
	18B	16.82 to 17.70	10	YES	18	16.20 to 19.80	10	–	18	16.20 to 19.80	10	YES	18B	18.00 to 20.30	20	YES	18K	17.56 to 18.35	5	YES
	20B	18.63 to 19.59	10	YES	20	18.00 to 22.00	10	–	20	18.00 to 22.00	10	YES	20B	20.00 to 22.40	20	YES	20K	19.52 to 20.39	5	YES
	22B	20.64 to 21.71	5	YES	22	19.80 to 24.20	10	–	22	19.80 to 24.20	10	YES	22B	22.00 to 24.50	10	YES	22K	21.54 to 22.47	5	YES
	24B	22.61 to 23.77	5	YES	24	21.60 to 26.40	10	–	24	21.60 to 26.40	10	YES	24B	24.00 to 27.60	10	YES	24K	23.72 to 24.78	5	YES
	27B	24.97 to 26.26	5	YES	27	24.30 to 29.70	10	–	27	24.30 to 29.70	10	YES	27B	27.00 to 30.80	10	YES	27K	26.19 to 27.53	5	YES
	30B	27.70 to 29.13	5	YES	30	27.00 to 33.00	10	–	30	27.00 to 33.00	10	YES	30B	30.00 to 34.00	10	YES	30K	29.19 to 30.69	5	YES
	33B	30.32 to 31.88	5	YES	–	–	–	–	–	–	–	–	33B	33.00 to 37.00	10	YES	33K	32.15 to 33.79	5	YES
	36B	32.79 to 34.49	5	YES	–	–	–	–	–	–	–	–	36B	36.00 to 40.00	10	YES	36K	35.07 to 36.87	5	YES
	39B	35.36 to 37.19	5	YES	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Surface Mount type

Package	2512 Size SOD-323FL(UMD2)				2924 Size SOT-23(SSD3)				2924 Size SOT-23(SSD3)				3516 Size SOD-123FL(PMDU)				4725 Size SOD-128(PMDTM)			
Equivalent Circuit Diagram																				
Series Name	UDZLV Series				New BZX84B Series				BZX84C Series				KDZLV Series				New PDZV Series			
Automotive Grade Code	FH				FH				FH				TF				TF			
Power(mW)	200				250				250				1,000				1,000			
Taping Code	TE-17				T116				T116				TR				TR			
Electrical Characteristics (Ta=25°C)		Vz (V)	Iz (mA)	Automotive Grade AEC-Q101		Vz (V)	Iz (mA)	Automotive Grade AEC-Q101		Vz (V)	Iz (mA)	Automotive Grade AEC-Q101		Vz (V)	Iz (mA)	Automotive Grade AEC-Q101		Vz (V)	Iz (mA)	Automotive Grade AEC-Q101
Voltage	51	48 to 54	2	YES	–	–	–	–	2V4L	2.2 to 2.6	5	YES	51	48 to 54	2	YES	2.0B	2.00 to 2.24	40	YES
	56	53 to 60	2	YES	–	–	–	–	2V7L	2.5 to 2.9	5	YES	56	53 to 60	2	YES	2.2B	2.20 to 2.45	40	YES
	62	58 to 66	2	YES	–	–	–	–	3V0L	2.8 to 3.2	5	YES	62	58 to 66	2	YES	2.4B	2.40 to 2.70	40	YES
	68	64 to 72	2	YES	–	–	–	–	3V3L	3.1 to 3.5	5	YES	68	64 to 72	2	YES	2.7B	2.70 to 3.10	40	YES
	75	70 to 79	2	YES	–	–	–	–	3V6L	3.4 to 3.8	5	YES	75	70 to 79	2	YES	3.0B	3.00 to 3.40	40	YES
	82	77 to 87	2	YES	–	–	–	–	3V9L	3.7 to 4.1	5	YES	82	77 to 87	2	YES	3.3B	3.30 to 3.70	40	YES
	91	85 to 96	1	YES	–	–	–	–	4V3L	4.0 to 4.6	5	YES	91	85 to 96	2	YES	3.6B	3.60 to 4.00	40	YES
	100	94 to 106	1	YES	–	–	–	–	4V7L	4.4 to 5.0	5	YES	100	94 to 106	2	YES	3.9B	3.90 to 4.40	40	YES
	110	104 to 116	1	YES	5V1L	5.00 to 5.20	5	YES	5V1L	4.8 to 5.4	5	YES	110	104 to 116	2	YES	4.3B	4.30 to 4.80	40	YES
	120	114 to 126	1	YES	5V6L	5.49 to 5.71	5	YES	5V6L	5.2 to 6.0	5	YES	120	114 to 126	2	YES	4.7B	4.70 to 5.20	40	YES
	130	122 to 138	1	YES	6V2L	6.08 to 6.32	5	YES	6V2L	5.8 to 6.6	5	YES	130	122 to 138	2	YES	5.1B	5.10 to 5.70	40	YES
	150	140 to 160	1	YES	6V8L	6.66 to 6.94	5	YES	6V8L	6.4 to 7.2	5	YES	150	140 to 160	2	YES	5.6B	5.60 to 6.30	40	YES
	–	–	–	–	7V5L	7.35 to 7.65	5	YES	7V5L	7.0 to 7.9	5	YES	–	–	–	–	6.2B	6.20 to 7.00	40	YES
	–	–	–	–	8V2L	8.04 to 8.36	5	YES	8V2L	7.7 to 8.7	5	YES	–	–	–	–	6.8B	6.80 to 7.70	40	YES
	–	–	–	–	9V1L	8.92 to 9.28	5	YES	9V1L	8.5 to 9.6	5	YES	–	–	–	–	7.5B	7.50 to 8.40	40	YES
	–	–	–	–	10VL	9.80 to 10.20	5	YES	10VL	9.4 to 10.6	5	YES	–	–	–	–	8.2B	8.20 to 9.30	40	YES
	–	–	–	–	11VL	10.80 to 11.20	5	YES	11VL	10.4 to 11.6	5	YES	–	–	–	–	9.1B	9.10 to 10.20	40	YES
	–	–	–	–	12VL	11.80 to 12.20	5	YES	12VL	11.4 to 12.7	5	YES	–	–	–	–	10B	10.00 to 11.20	40	YES
	–	–	–	–	13VL	12.70 to 13.30	5	YES	13VL	12.4 to 14.1	5	YES	–	–	–	–	11B	11.00 to 12.30	20	YES
	–	–	–	–	15VL	14.70 to 15.30	5	YES	15VL	13.8 to 15.6	5	YES	–	–	–	–	12B	12.00 to 13.50	20	YES
	–	–	–	–	16VL	15.70 to 16.30	5	YES	16VL	15.3 to 17.1	5	YES	–	–	–	–	13B	13.30 to 15.00	20	YES
	–	–	–	–	18VL	17.60 to 18.40	5	YES	18VL	16.8 to 19.1	5	YES	–	–	–	–	15B	14.70 to 16.50	20	YES
	–	–	–	–	20VL	19.60 to 20.40	5	YES	20VL	18.8 to 21.2	5	YES	–	–	–	–	16B	16.20 to 18.30	20	YES
	–	–	–	–	22VL	21.60 to 22.40	5	YES	22VL	20.8 to 23.3	5	YES	–	–	–	–	18B	18.00 to 20.30	20	YES
	–	–	–	–	24VL	23.50 to 24.50	5	YES	24VL	22.8 to 25.6	5	YES	–	–	–	–	20B	20.00 to 22.40	20	YES
	–	–	–	–	27VL	26.50 to 27.50	2	YES	27VL	25.1 to 28.9	2	YES	–	–	–	–	22B	22.00 to 24.50	10	YES
	–	–	–	–	30VL	29.40 to 30.60	2	YES	30VL	28.0 to 32.0	2	YES	–	–	–	–	24B	24.00 to 27.60	10	YES
	–	–	–	–	33VL	32.30 to 33.70	2	YES	33VL	31.0 to 35.0	2	YES	–	–	–	–	27B	27.00 to 30.80	10	YES
	–	–	–	–	36VL	35.30 to 36.70	2	YES	36VL	34.0 to 38.0	2	YES	–	–	–	–	30B	30.00 to 34.00	10	YES
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	33B	33.00 to 37.00	10	YES
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	36B	36.00 to 40.00	10	YES

注) 表中是量产中的细区分。
封装采用JEDEC表示。( )内表示ROHM封装。

ESD保护用齐纳二极管

●齐纳二极管阵列(2-4个电路复合品)一览表

Vz (V)	Package							
	1212 Size	1616 Size		2120 Size			2928 Size	
	SOT-723 (VMD3)	SOT-416 (EMD3)	SOT-553 (EMD5)	SOT-323 (UMD3)	SOT-323FL (UMD3F)	SOT-353 (UMD5)	SOT-346 (SMD3)	SOT-25 (SMD5)
4.3								FTZ4.3E
5.1					New UMZ5.1NUM			
5.6							STZ5.6N	FTZ5.6E
6.2							STZ6.2N	
6.8	VMZ6.8N	EMZ6.8N	EMZ6.8E	UMZ6.8N		UMZ6.8EN	STZ6.8T STZ6.8N	FTZ6.8E
8.2					New UMZ8.2NUM			
12					New UMZ12NUM			
16					New UMZ16NUM			
18					New UMZ18NUM			
27					New UMZ27NUM			
30					New UMZ30NUM			FTZ30E
36					New UMZ36NUM			

封装采用JEDEC表示。( )内表示ROHM封装。

●低容量齐纳二极管一览表

Vz (V)	Package					
	1006 Size		1608 Size	1616 Size		2928 Size
	SOD-923 (VMN2)	SOD-923 (VMN2M)	SOD-523 (EMD2)	SOT-553 (EMD5)	SOT-563 (EMD6)	SOT-25 (SMD5)
5.1		CDZCV5.1B				
6.2						FTZU6.2E
6.8	CDZC6.8B	New CDZCV6.8B New RSAC6.8CM	EDZCV6.8B	EMZT6.8E		
12					RSB12JS2	
16		New RSAC16CM				
18	RSAC18CS					

封装采用JEDEC表示。( )内表示ROHM封装。

●ESD保护用齐纳二极管一览表

Vz (V)	Package		
	1616 Size	2120 Size	2928 Size
	SOT-553 (EMD5)	SOT-353 (UMD5)	SOT-457 (SMD6)
6	RSA6.1J4	RSA6.1EN	RSA6.1U5

封装采用JEDEC表示。( )内表示ROHM封装。

●双向齐纳二极管一览表

Vz (V)	Package									
	0603 Size	1006 Size		1608 Size	1616 Size	2512 Size	2513 Size	2120 Size		
	SOD-962 (GMD2)	SOD-923 (VMN2)	SOD-923 (VMN2M)	SOD-523 (EMD2)	SOT-416FL (EMD3F)	SOD-323FL (UMD2)	(TUMD2)	SOT-323 (UMD3)	SOT-323FL (UMD3F)	SOT-363 (UMD6)
4.0										
5.6				RSB5.6SM						
6.8	RSB6.8ZS	RSB6.8CS	RSB6.8CM	RSB6.8SM				RSB6.8F2		
12					New RSB12WM	RSB12V				
16						RSB16V	RSB16VA	RSB16F2		RSB16X3N
18						RSB18V	RSB18VA		New RSB18UM2	
27						RSB27V	RSB27VA		RSB27UM2	
33						RSB33V		RSB33F2		
36						RSB36V		RSB36F2		
39						RSB39V		RSB39F2		

封装采用JEDEC表示。( )内表示ROHM封装。

●超低容量双向齐纳二极管一览表

Vz (V)	Package	
	1006 Size	
	SOD-923 (VMN2)	SOD-923 (VMN2M)
6.8	RSBC6.8CS	New RSBC6.8CM

封装采用JEDEC表示。( )内表示ROHM封装。

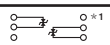
ESD保护用齐纳二极管
例: FTZU6.2EFH T148
型号 产品性能代码 包装代码

齐纳二极管阵列(2-4个电路复合品)

Part No.	Grade Code		Taping Code	Absolute Maximum Ratings(Ta=25°C)	Electrical Characteristics(Ta=25°C)*2		Remarks	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	General	Automotive		P_D (mW)	Vz (V)	Iz(mA)				
STZ6.8T	*		T146	200	6.47 to 7.14	5	IEC61000-4-2 150pF, 330Ω Contact 8kV Air 15kV	SOT-346 (SMD3)		YES
VMZ6.8N		FH	T2L	150	6.47 to 7.14	5		SOT-723 (VMD3)		YES
EMZ6.8N		FH	TL	150	6.47 to 7.14	5		SOT-416 (EMD3)		YES
UMZ6.8N		FH	T106	200	6.47 to 7.14	5		SOT-323 (UMD3)		YES
New UMZ5.1NUM		FH	TL	200	4.84 to 5.37	5		SOT-323FL (UMD3F)		YES
New UMZ8.2NUM		FH	TL	200	7.76 to 8.64	5				YES
New UMZ12NUM		FH	TL	200	11.00 to 13.00	5				YES
New UMZ16NUM		FH	TL	200	15.85 to 16.51	5				YES
New UMZ18NUM		FH	TL	200	17.56 to 18.53	5				YES
New UMZ27NUM		FH	TL	200	26.19 to 27.35	5				YES
New UMZ30NUM		FH	TL	200	29.19 to 30.69	5				YES
New UMZ36NUM		FH	TL	200	35.07 to 36.87	5				YES
STZ5.6N		FH	T146	200	5.31 to 5.92	5		SOT-346 (SMD3)		YES
STZ6.2N		FH	T146	200	5.81 to 6.40	5				YES
STZ6.8N		FH	T146	200	6.47 to 7.14	5				YES
EMZ6.8E		FH	T2R	150	6.47 to 7.14	5		SOT-553 (EMD5)		YES
UMZ6.8EN		FH	TR	200	6.47 to 7.14	5		SOT-353 (UMD5)		YES
FTZ4.3E		FH	T148	200	4.04 to 4.57	5		SOT-25 (SMD5)		YES
FTZ5.6E		FH	T148	200	5.31 to 5.92	5				YES
FTZ6.8E		FH	T148	200	6.47 to 7.14	5				YES
FTZ30E		FH	T148	200	29.19 to 30.09	5				YES

＊：一般产品的产品性能代码为空白。
封装采用JEDEC表示。( )内表示ROHM封装。

低容量齐纳二极管

Part No.	Grade Code		Taping Code	Absolute Maximum Ratings(Ta=25°C)	Electrical Characteristics(Ta=25°C)				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	General	Automotive		P_D (mW)	Vz (V)	Iz(mA)	Ct(pF) (Typ.)	f(MHz)	V_R(V)			
FTZU6.2E	*	FH	T148	200	5.90 to 6.50	5	8	1	0	SOT-25(SMD5)		YES
CDZC6.8B		FH	T2RA	100	6.65 to 6.93	5	3	1	0	SOD-923 (VMN2)		YES
CDZCV5.1B		–	T2R	100	4.98 to 5.20	5	5.5	1	0	SOD-923 (VMN2M)		–
New CDZCV6.8B		–	T2R	100	6.65 to 6.93	5	3	1	0			–
EDZCV6.8B		FH	T2R	150	6.65 to 6.93	5	3	1	0	SOD-523 (EMD2)		YES
EMZT6.8E		FH	T2R	150	6.47 to 7.14	5	7	1	0	SOT-553 (EMD5)		YES
RSB12JS2		FH	T2R	150	9.60 to 14.40	5	1	1	0	SOT-563 (EMD6)	 *1	YES
New RSAC16CM		–	T2R	100	16.49 to 17.51	5	0.3	1	0	SOD-923 (VMN2M)		–
RSAC18CS		–	T2RA	100	18.20 to 19.35	5	0.3	1	0	SOD-923 (VMN2)		–
New RSAC6.8CM		–	T2R	100	6.70 to 7.33	5	0.3	1	0	SOD-923 (VMN2M)		–

＊：一般产品的产品性能代码为空白。
＊1：(3), (6)引脚使用时必须开路。
封装采用JEDEC表示。( )内表示ROHM封装。

ESD保护用齐纳二极管

Part No.	Grade Code		Taping Code	Absolute Maximum Ratings(Ta=25°C)	Electrical Characteristics(Ta=25°C)		Peak Pulse Power(W) (tp = 10 × 100μs)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	General	Automotive		P_D (mW)	Vz (V)	Iz(mA)				
RSA6.1J4	*	FH	T2R	150	6.10 to 7.20	1	10	SOT-553 (EMD5)		YES
RSA6.1EN		FH	TR	200	6.10 to 7.20	1	30	SOT-353 (UMD5)		YES
RSA6.1U5		FH	T108	200	6.10 to 7.20	1	30	SOT-457 (SMD6)		YES

＊：一般产品的产品性能代码为空白。
封装采用JEDEC表示。( )内表示ROHM封装。

ESD保护用齐纳二极管

ESD保护用齐纳二极管
例: RSBC6.8CS FH T2RA
型号 / 产品性能代码 / 包装代码

双向齐纳二极管

Product No.				Absolute Maximum Ratings(Ta=25°C)	Electrical Characteristics(Ta=25°C)		Peak Pulse Power (W)(tp=10×1000μs)	Ct(pF) (Typ.)	f (MHz)	V_R (V)	Remarks	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	P_D (mW)	Vz (V)	Iz(mA)								
	General	Automotive												
RSB6.8ZS	*	–	T2N	100	5.78 to 7.82	1	–	–	–	–	IEC61000-4-2 150pF, 330Ω Contact 8kV Air 15kV	SOD-962 (GMD2)		–
RSB6.8CS		FH	T2RA	100	5.78 to 7.82	1	10	15	1	0		SOD-923 (VMN2)		YES
RSB6.8CM		–	T2N	100	5.78 to 7.82	1	10	15	1	0		SOD-923 (VMN2M)		–
RSB5.6SM		–	T2N	150	4.76 to 6.44	1	10	50	1	0		SOD-523 (EMD2)		–
RSB6.8SM		–	T2N	150	5.78 to 7.82	1	10	30	1	0				–
RSB12V		FH	TE-17	200	10.8 to 13.2	1	–	30	1	0		SOD-323FL (UMD2)		YES
RSB16V		FH	TE-17	200	14.4 to 17.6	1	–	30	1	0				YES
RSB18V		FH	TE-17	200	16.2 to 19.8	1	–	30	1	0				YES
RSB27V		FH	TE-17	200	26.2 to 32.0	1	–	30	1	0				YES
RSB33V		FH	TE-17	200	29.7 to 36.3	1	–	30	1	0				YES
RSB36V		FH	TE-17	200	32.4 to 39.6	1	–	30	1	0				YES
RSB39V		FH	TE-17	200	35.1 to 42.9	1	–	30	1	0				YES
RSB16VA		FH	TR	500	14.4 to 17.6	1	–	–	–	–		(TUMD2)		YES
RSB18VA		FH	TR	500	16.2 to 19.8	1	–	–	–	–				YES
RSB27VA		FH	TR	500	26.2 to 32.0	1	–	–	–	–				YES
RSB6.8F2		FH	T106	200	5.78 to 7.82	1	–	30	1	0		SOT-323 (UMD3)		YES
RSB16F2		FH	T106	200	14.4 to 17.6	1	–	30	1	0				YES
RSB33F2		FH	T106	200	29.7 to 36.3	1	–	30	1	0				YES
RSB36F2		FH	T106	200	32.4 to 39.6	1	–	30	1	0				YES
RSB39F2		FH	T106	200	35.1 to 42.9	1	–	30	1	0				YES
New RSB18UM2		FH	TL	200	16.2 to 19.8	1	–	30	1	0		SOT-323FL (UMD3F)		YES
RSB27UM2		FH	TL	200	26.2 to 32.0	1	–	30	1	0				YES
RSB16X3N		FH	TR	200	14.4 to 17.6	1	–	30	1	0		SOT-363 (UMD6)		YES
New RSB12WM		FH	TL	150	9.60 to 14.40	5	–	1	1	0		SOT-416FL (EMD3F)		YES

＊：一般产品的产品性能代码为空白。
封装采用JEDEC表示。( )内表示ROHM封装。

超低容量双向齐纳二极管

Product No.				Absolute Maximum Ratings(Ta=25°C)	Electrical Characteristics(Ta=25°C)		Ct(pF) (Typ.)	f (MHz)	V_R (V)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	P_D (mW)	Vz (V)	Iz(mA)						
	General	Automotive										
RSBC6.8CS	*	FH	T2RA	100	6.62 to 7.24	5	1typ.	1	0	SOD-923 (VMN2)		YES
New RSBC6.8CM		–	T2R	100	6.62 to 7.24	5	1typ.	1	0	SOD-923 (VMN2M)		–

＊：一般产品的产品性能代码为空白。
封装采用JEDEC表示。( )内表示ROHM封装。

C 二极管

TVS

●TVS一览表

V_{RWM} (V)	Package		
	2924 Size	3516 Size	4725 Size
	SOT-23 (SSD3)	SOD-123FL (PMDU)	SOD-128 (PMDTM)
3.0	MMBZ5V6AL MMBZ6V2AL		
4.5	MMBZ6V8AL		
5.0		New SMF5V0	New VS5V0UA1LAM
6.0	MMBZ9V1AL	New SMF6V0	New VS6V0UA1LAM
6.5	MMBZ10VAL	New SMF6V5	
7.0		New SMF7V0	New VS7V0UA1LAM
7.5		New SMF7V5	
8.0		New SMF8V0	New VS8V0UA1LAM
8.5	MMBZ12VAL		
9.0		New SMF9V0	New VS9V0UA1LAM
10.0		New SMF10V	New VS10VUA1LAM
11.0		New SMF11V	New VS11VUA1LAM
12.0	MMBZ15VAL	New SMF12V	New VS12VUA1LAM
13.0	MMBZ16VAL	New SMF13V	New VS13VUA1LAM
14.0		New SMF14V	New VS14VUA1LAM
14.5	MMBZ18VAL		
15.0		New SMF15V	New VS15VUA1LAM
16.0		New SMF16V	New VS16VUA1LAM
17.0	MMBZ20VAL		New VS17VUA1LAM
18.0		New SMF18V	New VS18VUA1LAM
20.0	MMBZ24VAL	New SMF20V	New VS20VUA1LAM
22.0	MMBZ27VCL MMBZ27VAL	New SMF22V	New VS22VUA1LAM
24.0	New RESDICAN MMBZ30VAL	New SMF24V	New VS24VUA1LAM
26.0	MMBZ33VAL	New SMF26V	New VS26VUA1LAM
28.0		New SMF28V	New VS28VUA1LAM
30.0		New SMF30V	New VS30VUA1LAM
33.0		New SMF33V	

封装采用JEDEC表示。( )内表示ROHM封装。

TVS
例: M M B Z 2 7 V C F H T 1 1 6
型号 产品性能代码 包装代码

●双向TVS一览表

V_{RWM} (V)	Package	
	0402 Size	0603 Size
	DSN0402-2 (SMD0402)	DSN0603-2 (SMD0603)
3.3	RASMID **VS3V3BA1FS** RASMID **VS3V3BB1FS** RASMID New **VS3V3BT1FS**	RASMID New **VS3V3BC1HS** RASMID **VS3V3BA1ES** RASMID **VS3V3BB1ES**
5.0	RASMID **VS5V0BA1FS** RASMID **VS5V0BB1FS**	RASMID **VS5V0BA1ES** RASMID **VS5V0BB1ES** RASMID **VS5V0BC1ES** RASMID **VS5V0BL1HS** RASMID **VS5V0BN1HS**

◎RASMID：采用ROHM独有的新工艺，实现小型化，具有惊人尺寸精度的超小型产品系列。
封装采用JEDEC表示。( )内表示ROHM封装。

TVS 1

Product No.				V_{RWM} (V)	Absolute Maximum Ratings(Ta=25°C)	Electrical Characteristics(Ta=25°C)		Peak Pulse Power(W) (tp=10×1000μs)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code		P_D (mW)	Vz(V) or V_{BR}(V)	Iz(mA)				
	General	Automotive									
New RESD1CAN		FH	T116	24	225	26.2 to 32.0	1	350(8/20μs)	SOT-23 (SSD3)		YES
MMBZ27VCL		FH	T116	22	225	25.65 to 28.35	1	40			YES
MMBZ5V6AL		FH	T116	3	225	5.32 to 5.88	20	24			YES
MMBZ6V2AL		FH	T116	3	225	5.89 to 6.51	1	24			YES
MMBZ6V8AL		FH	T116	4.5	225	6.46 to 7.14	1	24			YES
MMBZ9V1AL		FH	T116	6	225	8.65 to 9.56	1	24			YES
MMBZ10VAL		FH	T116	6.5	225	9.50 to 10.50	1	24			YES
MMBZ12VAL		FH	T116	8.5	225	11.40 to 12.60	1	40			YES
MMBZ15VAL		FH	T116	12	225	14.25 to 15.75	1	40			YES
MMBZ16VAL		FH	T116	13	225	15.20 to 16.80	1	40			YES
MMBZ18VAL		FH	T116	14.5	225	17.10 to 18.90	1	40			YES
MMBZ20VAL		FH	T116	17	225	19.00 to 21.00	1	40			YES
MMBZ24VAL		FH	T116	20	225	22.80 to 25.20	1	40			YES
MMBZ27VAL		FH	T116	22	225	25.65 to 28.35	1	40			YES
MMBZ30VAL		FH	T116	24	225	28.50 to 31.50	1	40			YES
MMBZ33VAL		FH	T116	26	225	31.35 to 34.65	1	40			YES
New SMF5V0		TF	TR	5	1,000	6.40 or more	40	200	SOD-123FL (PMDU)		YES
New SMF6V0		TF	TR	6	1,000	6.67 or more	40	200			YES
New SMF6V5	*	TF	TR	6.5	1,000	7.22 or more	40	200			YES
New SMF7V0		TF	TR	7	1,000	7.78 or more	40	200			YES
New SMF7V5		TF	TR	7.5	1,000	8.33 or more	40	200			YES
New SMF8V0		TF	TR	8	1,000	8.89 or more	40	200			YES
New SMF9V0		TF	TR	9	1,000	10.0 or more	40	200			YES
New SMF10V		TF	TR	10	1,000	11.1 or more	20	200			YES
New SMF11V		TF	TR	11	1,000	12.2 or more	20	200			YES
New SMF12V		TF	TR	12	1,000	13.3 or more	20	200			YES
New SMF13V		TF	TR	13	1,000	14.4 or more	20	200			YES
New SMF14V		TF	TR	14	1,000	15.6 or more	20	200			YES
New SMF15V		TF	TR	15	1,000	16.7 or more	20	200			YES
New SMF16V		TF	TR	16	1,000	17.2 or more	20	200			YES
New SMF18V		TF	TR	18	1,000	20.0 or more	20	200			YES
New SMF20V		TF	TR	20	1,000	22.2 or more	10	200			YES
New SMF22V		TF	TR	22	1,000	24.4 or more	10	200			YES
New SMF24V		TF	TR	24	1,000	26.7 or more	10	200			YES
New SMF26V		TF	TR	26	1,000	28.9 or more	10	200			YES
New SMF28V		TF	TR	28	1,000	31.1 or more	10	200			YES
New SMF30V		TF	TR	30	1,000	33.3 or more	10	200			YES
New SMF33V		TF	TR	33	1,000	36.7 or more	10	200			YES

＊：一般产品的产品性能代码为空白。
封装采用JEDEC表示。( )内表示ROHM封装。

TVS

TVS 例: VS5V0UA1LAM TF TR
型号 产品性能代码 包装代码

TVS 2

Product No.				V_{RWM} (V)	Absolute Maximum Ratings(Ta=25°C)	Electrical Characteristics(Ta=25°C)		Peak Pulse Power(W) (tp=10×1000μs)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code		P_D (mW)	Vz(V) or V_{BR}(V)	Iz(mA)				
	General	Automotive									
New VS5V0UA1LAM	*	TF	TR	5	–	6.45 to 7.14	10	600	SOD-128 (PMDTM)		YES
New VS6V0UA1LAM		TF	TR	6	–	6.67 to 7.37	10	600			YES
New VS7V0UA1LAM		TF	TR	7	–	7.78 to 8.60	10	600			YES
New VS8V0UA1LAM		TF	TR	8	–	8.89 to 9.83	1	600			YES
New VS9V0UA1LAM		TF	TR	9	–	10.0 to 11.1	1	600			YES
New VS10VUA1LAM		TF	TR	10	–	11.1 to 12.3	1	600			YES
New VS11VUA1LAM		TF	TR	11	–	12.2 to 13.5	1	600			YES
New VS12VUA1LAM		TF	TR	12	–	13.3 to 14.7	1	600			YES
New VS13VUA1LAM		TF	TR	13	–	14.4 to 15.9	1	600			YES
New VS14VUA1LAM		TF	TR	14	–	15.6 to 17.2	1	600			YES
New VS15VUA1LAM		TF	TR	15	–	16.7 to 18.5	1	600			YES
New VS16VUA1LAM		TF	TR	16	–	17.8 to 19.7	1	600			YES
New VS17VUA1LAM		TF	TR	17	–	18.9 to 20.9	1	600			YES
New VS18VUA1LAM		TF	TR	18	–	20.0 to 22.1	1	600			YES
New VS20VUA1LAM		TF	TR	20	–	22.2 to 24.5	1	600			YES
New VS22VUA1LAM		TF	TR	22	–	24.4 to 26.9	1	600			YES
New VS24VUA1LAM		TF	TR	24	–	26.7 to 29.5	1	600			YES
New VS26VUA1LAM		TF	TR	26	–	28.9 to 31.9	1	600			YES
New VS28VUA1LAM		TF	TR	28	–	31.1 to 34.4	1	600			YES
New VS30VUA1LAM		TF	TR	30	–	33.3 to 36.8	1	600			YES

＊：一般产品的产品性能代码为空白。
封装采用JEDEC表示。( )内表示ROHM封装。

双向TVS

Product No.				Absolute Maximum Ratings(Ta=25°C)	Electrical Characteristics (Ta=25°C)		Peak Pulse Power(W) (tp=8/20μs)	Ct (pF)	f (MHz)	V_R (V)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	P_D (mW)	V_{BR} (V)	Iz(mA)							
	General	Automotive											
RASMID VS3V3BA1FS	*	–	T27N	100	4.0 or more	1	26.5	6	1	0	DSN0402-2 (SMD0402)		–
RASMID VS3V3BB1FS		–	T27N	100	4.0 or more	1	38	10	1	0			–
RASMID VS5V0BA1FS		–	T27N	100	5.3 or more	1	26.5	6	1	0			–
RASMID VS5V0BB1FS		–	T27N	100	5.3 or more	1	45	10	1	0			–
New RASMID VS3V3BT1FS		–	T27N	100	4.0 or more	1	21	4	1	0			–
New RASMID VS3V3BC1HS		–	T15R	100	4.0 or more	1	70	18	1	0	DSN0603-2 (SMD0603)		–
RASMID VS3V3BA1ES		–	T15R	100	4.0 or more	1	28	6	1	0			–
RASMID VS3V3BB1ES		–	T15R	100	4.0 or more	1	45	10	1	0			–
RASMID VS5V0BA1ES		–	T15R	100	6.0 to 8.0	1	10	5	1	0			–
RASMID VS5V0BB1ES		–	T15R	100	6.0 to 9.0	1	25	7	1	0			–
RASMID VS5V0BC1ES		–	T15R	100	6.0 to 9.0	1	60	15	1	0			–

低容量双向TVS

Product No.				Absolute Maximum Ratings(Ta=25°C)	Electrical Characteristics (Ta=25°C)		Remarks	Ct (pF)	f (MHz)	V_R (V)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	P_D (mW)	V_{BR} (V)	Iz(mA)							
	General	Automotive											
RASMID VS5V0BL1HS	*	–	T15R	100	6.00 to 10.00	1	IEC61000-4-2 150pF, 330Ω Contact 11kV Air 15kV	0.25	1	0	DSN0603-2 (SMD0603)		–
RASMID VS5V0BN1HS		–	T15R	100	6.00 to 10.00	1		0.5	1	0			–

◎RASMID：采用ROHM独有的新工艺，实现小型化，具有惊人尺寸精度的超小型产品系列。
＊：一般产品的产品性能代码为空白。
封装采用JEDEC表示。( )内表示ROHM封装。

C 二极管

开关二极管

●开关二极管一览表

V_R (V)	Package						
	1006 Size		1212 Size	1608 Size	1616 Size		
	SOD-923 (VMN2)	SOD-923 (VMN2M)	SOT-723 (VMD3)	SOD-523 (EMD2)	SOT-416FL (EMD3F)	SOT-416 (EMD3)	SOT-543 (EMD4)
20			DA221M			DA221	
80	1SS400CS	1SS400CM	DAN222M DAP222M	1SS400SM	DAN222WM DAP222WM DAN217WM New DA228WM		DA227Y

V_R (V)	Package			
	2120 Size			
	SOT-323FL (UMD3F)	SOT-343 (UMD4)	SOT-353 (UMD5)	SOT-363 (UMD6)
80	DAN202UM DAP202UM DAN217UM New DA228UM New BAW156UM New BAV199UM	DA227	UMN1N	UMN10N UMN20N UMR12N

V_R (V)	Package			
	2512 Size	2924 Size	2928 Size	
	SOD-323FL (UMD2)	SOT-23 (SSD3)	SOT-346 (SMD3)	SOT-457 (SMD6)
20			DA204K	
35	New 1SS380VM			
80	1SS355VM	BAS16HM BAV70HM BAW56HM BAV99HM BAW156HM BAV199HM New BAS116HM New BAV170HM	DAN202K DAP202K DAN217 DA228K	IMN10
200	New BAS21VM	BAS21HM		

封装采用JEDEC表示。( )内表示ROHM封装。

开关二极管

开关二极管
例: 1SS400CS FH T2RA
型号 产品性能代码 包装代码

高速型

Product No.				Absolute Maximum Ratings(Ta=25°C)*1					Electrical Characteristics(Ta=25°C)*1							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_{FM} (mA)	Io (mA)	Isurge (mA)	V_F(V) Max.	I_F(mA)	I_R(μA) Max.	V_R(V)	trr(ns) Max.	V_R(V)	I_F(mA)			
	General	Automotive																
1SS400CS		FH	T2RA	90	80	–	100	500(1s)	1.2	100	0.1	80	4	6	10	SOD-923 (VMN2)		YES
1SS400CM		–	T2R	90	80	–	100	500(1s)	1.2	100	0.1	80	4	6	10	SOD-923 (VMN2M)		–
1SS355VM		FH	TE-17	90	80	225	100	500(1s)	1.2	100	0.1	80	4	6	10	SOD-323FL (UMD2)		YES
1SS400SM		FH	T2R	90	80	225	100	500(1s)	1.2	100	0.1	80	4	6	10	SOD-523 (EMD2)		YES
BAS16HM		FH	T116	100	80	500	215*3	4,000(1μs)	1.25	150	0.1	80	4	10*2	10	SOT-23 (SSD3)		YES
DAN222M		FH	T2L	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-723(VMD3)		YES
DAN222WM		FH	TL	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F)		YES
DAN202UM		FH	TL	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-323FL (UMD3F)		YES
BAV70HM		FH	T116	90	80	450	215*3	4,000(1μs)	1.25	150	0.1	80	4	10*2	10	SOT-23(SSD3)		YES
DAN202K		FH	T146	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-346(SMD3)		YES
DAP222M		FH	T2L	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-723(VMD3)		YES
DAP222WM		FH	TL	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F)		YES
DAP202UM	*	FH	TL	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-323FL (UMD3F)		YES
BAW56HM		FH	T116	100	80	500	215*3	4,000(1μs)	1.25	150	0.1	80	4	10*2	10	SOT-23(SSD3)		YES
DAP202K		FH	T146	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-346(SMD3)		YES
DAN217WM		FH	TL	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F)		YES
DAN217UM		FH	TL	80	80	300	100	4,000(1μs)	1.2	100	0.2	70	4	6	5	SOT-323FL (UMD3F)		YES
BAV99HM		FH	T116	100	80	500	215*3	4,000(1μs)	1.25	150	0.1	80	4	10*2	10	SOT-23(SSD3)		YES
DAN217		FH	T146	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-346(SMD3)		YES
UMN1N		FH	TR	80	80	80	25	250(1μs)	0.9	5	0.1	70	4	6	5	SOT-353 (UMD5)		YES
DA227Y		FH	T2R	80	80	300	100	400(1μs)	1.2	100	0.1	70	4	6	5	SOT-543(EMD4)		YES
DA227		FH	TL	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-343(UMD4)		YES
UMN10N		FH	TR	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-363(UMD6)		YES
IMN10		FH	T108	80	80	300	100	4,000(1μs)	1.2	100	0.1	70	4	6	5	SOT-457(SMD6)		YES
BAS21HM		FH	T116	250	200	–	215*3	10,000(1μs)	1	100	0.1	200	50	30*2	30	SOT-23 (SSD3)		YES
New BAS21VM		FH	TE-17	250	200	–	215*3	10,000(1μs)	1	100	0.1	200	50	30*2	30	SOD-323FL (UMD2)		YES

低漏失型

New 1SS380VM		FH	TE-17	40	35	225	100	400(1s)	1.2	100	0.01	20	–	–	–	SOD-323FL (UMD2)		YES
UMN20N		FH	TR	80	80	225	100	400(1s)	1.2	100	0.01	20	–	–	–	SOT-363 (UMD6)		YES
BAW156HM		FH	T116	100	80	500	215*3	4,000(1μs)	1.25	150	0.005	75	3,000	10*2	10	SOT-23 (SSD3)		YES
New BAW156UM		FH	TL	100	80	500	215*3	4,000(1μs)	1.25	150	0.005	75	3,000	10*2	10	SOT-323FL (UMD3F)		YES
DA221M		FH	T2L	20	20	200	100	300(1μs)	1	10	0.1	15	–	–	–	SOT-723 (VMD3)		YES
DA221		FH	TL	20	20	200	100	300(1μs)	1	10	0.1	15	–	–	–	SOT-416 (EMD3)		YES
BAV199HM		FH	T116	100	80	500	215*3	4,000(1μs)	1.25	150	0.005	75	3,000	10*2	10	SOT-23 (SSD3)		YES
New BAV199UM	*	FH	TL	100	80	500	215*3	4,000(1μs)	1.25	150	0.005	75	3,000	10*2	10	SOT-323FL (UMD3F)		YES
New DA228WM		FH	TL	80	80	200	100	4,000(1μs)	1.2	100	0.1	80	–	–	–	SOT-416FL (EMD3F)		YES
New DA228UM		FH	TL	80	80	200	100	300(1μs)	1.2	100	0.01	80	–	–	–	SOT-323FL (UMD3F)		YES
DA228K		FH	T146	80	80	200	100	300(1μs)	1.2	100	0.1	80	–	–	–	SOT-346 (SMD3)		YES
DA204K		FH	T146	20	20	200	100	300(1μs)	1	10	0.1	15	–	–	–	SOT-346(SMD3)		YES
New BAV170HM		FH	T116	90	80	500	215*3	4,000(1μs)	1.25	150	0.005	75	–	–	–	SOT-23(SSD3)		YES
New BAS116HM		FH	T116	100	80	500	215*3	4,000(1μs)	1.25	150	0.005	75	–	–	–	SOT-23 (SSD3)		YES
UMR12N		FH	TN	80	80	200	100	300(1μs)	1.2	100	0.1	80	–	–	–	SOT-363(UMD6)		YES

*：一般产品的产品性能代码为空白。
*1：每个元件的规格。 *2：I_R(mA)值，非V_R(V) *3：I_F值
封装采用JEDEC表示。( )内表示ROHM封装。

高频二极管

高频二极管
例: 1SS3905SMFHT2R
型号 / 产品性能代码 / 包装代码

●高频二极管一览表

	V_R (V)	Package							
		0603 Size	1006 Size		1608 Size	1616 Size	2512 Size	2120 Size	2928 Size
		SOD-962 (GMD2)	SOD-923 (VMN2)	SOD-923 (VMN2M)	SOD-523 (EMD2)	SOT-543 (EMD4)	SOD-323FL (UMD2)	SOT-323 (UMD3)	SOT-346 (SMD3)
Band Switching Diodes	35				New 1SS390SM		1SS356		
PIN Diodes	30	RN142ZS	RN242CS RN262CS						
	50			New RN141CM			RN731V RN771V	RN739F RN779F	RN779D
	60				New RN142SM				
Detection Schottky Diodes	3					RB851Y			
	5			New RB886CM		RB861Y			
	15					RB886Y			

封装采用JEDEC表示。( )内表示ROHM封装。

频带开关二极管

Product No.				Absolute Maximum Ratings(Ta=25°C)*1			Electrical Characteristics(Ta=25°C)*1						Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V_R (V)	Tj (°C)	Tstg (°C)	Ct(pF) Max.	V_R(V)	f(MHz)	rF(Ω) Max.	I_F(mA)	f(MHz)			
	General	Automotive													
New 1SS390SM	*	FH	T2R	35	150	−55 to +150	1.2	6	1	0.9	2	100	SOD-523(EMD2)		YES
1SS356		FH	TW11	35	125	−55 to +125	1.2	6	1	0.9	2	100	SOD-323FL (UMD2)		YES

PIN二极管

Product No.				Absolute Maximum Ratings(Ta=25°C)*1				Electrical Characteristics(Ta=25°C)*1						Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V_R (V)	I_F (mA)	Tj (°C)	Tstg (°C)	Ct(pF) Max.	V_R(V)	f(MHz)	rF(Ω) Max.	I_F(mA)	f(MHz)			
	General	Automotive														
RN142ZS	*	–	T2R	30	50	150	−55 to +150	0.45	1	1	2.5	3	100	SOD-962(GMD2)		–
RN242CS		–	T2RA	30	100	150	−55 to +150	0.35	1	1	3	3	100	SOD-923 (VMN2)		–
RN262CS		–	T2RA	30	100	150	−55 to +150	0.4	1	1	2.8	3	100			–
New RN141CM		–	T2R	50	100	150	−55 to +150	0.8	1	1	2	3	100	SOD-923(VMN2M)		–
New RN142SM		–	T2R	60	100	150	−55 to +150	0.45	1	1	3	3	100	SOD-523(EMD2)		–
RN731V		FH	TE-17	50	50	125	−55 to +150	0.4	35	1	7	10	100	SOD-323FL (UMD2)		YES
RN771V		FH	TE-17	50	50	150	−55 to +150	0.9	35	1	7	10	100			YES
RN739F		FH	T106	50	50	125	−55 to +150	0.4	35	1	7	10	100	SOT-323 (UMD3)		YES
RN779F		FH	T106	50	50	150	−55 to +150	0.9	35	1	7	10	100			YES
RN779D		FH	T146	50	50	150	−55 to +150	0.9	35	1	7	10	100	SOT-346(SMD3)		YES

检波肖特基势垒二极管

Product No.				Absolute Maximum Ratings(Ta=25°C)*1				Electrical Characteristics(Ta=25°C)*1						Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V_R (V)	I_F (mA)	Tj (°C)	Tstg (°C)	V_F(V) Max.	I_F(mA)	Ct(pF) Max.	V_R(V)	f(MHz)				
	General	Automotive														
RB886Y	*	–	T2R	15	10	125	−40 to +125	0.35	1	0.8	1	1		SOT-543(EMD4)		–
RB851Y		–	T2R	3	30	125	−40 to +125	0.46	1	0.8	0	1		SOT-543(EMD4)		–
RB861Y		–	T2R	5	10	125	−40 to +125	0.3	1	1.1	0	1		SOT-543(EMD4)		–
New RB886CM		–	T2R	5	10	125	−40 to +125	0.35	1	0.45	1	1		SOD-923(VMN2M)		–

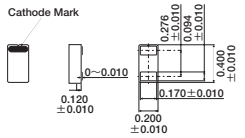
*：一般产品的产品性能代码为空白。
*1：每个元件的规格。
封装采用JEDEC表示。( )内表示ROHM封装。

封装

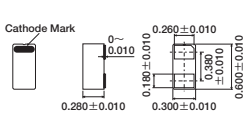
■尺寸 (单位：mm)

表面贴装型

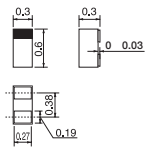
DSN0402-2(SMD0402)



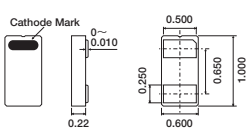
DSN0603-2(SMD0603)



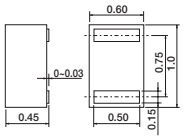
SOD-962(GMD2)



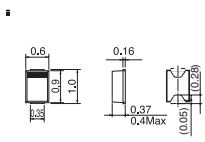
DSN1006-2(SMD1006)



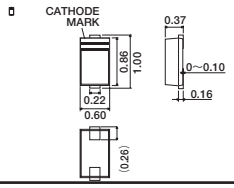
DFN1006-2(VML2)



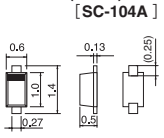
SOD-923(VMN2)



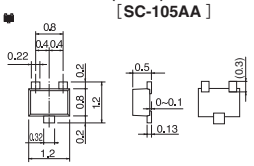
SOD-923(VMN2M)



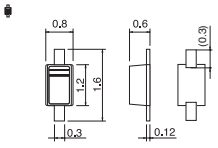
SOD-723(VMD2) [SC-104A]



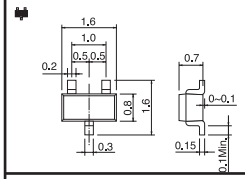
SOT-723(VMD3) [SC-105AA]



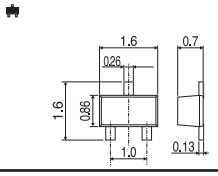
SOD-523(EMD2) [SC-79]



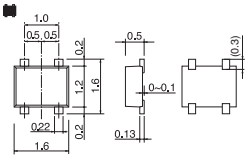
SOT-416(EMD3) [SC-75A]



SOT-416FL(EMD3F) [SC-89]

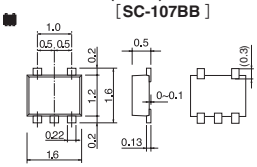


SOT-543(EMD4) [SC-107A]

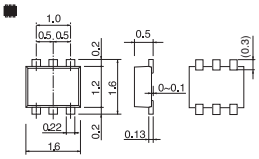


Each lead has same dimensions

SOT-553(EMD5) [SC-107BB]

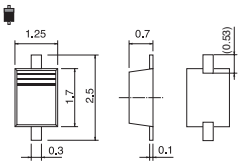


SOT-563(EMD6) [SC-107C]

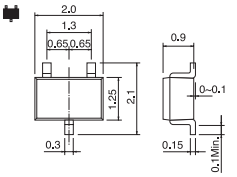


Each lead has same dimensions

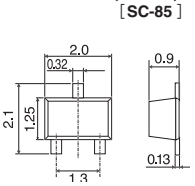
SOD-323FL(UMD2) [SC-90A]



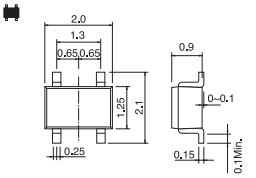
SOT-323(UMD3) [SC-70]



SOT-323FL(UMD3F) [SC-85]

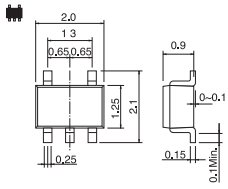


SOT-343(UMD4) [SC-82]

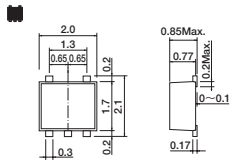


Each lead has same dimensions

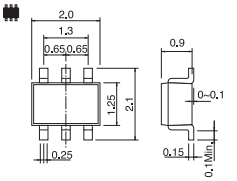
SOT-353(UMD5) [SC-88A]



SOT-353T(TUMD5) [SC-113CA]

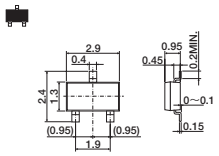


SOT-363(UMD6) [SC-88]

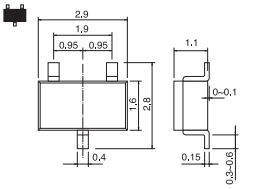


Each lead has same dimensions

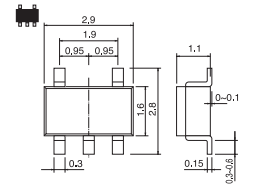
SOT-23(SSD3)



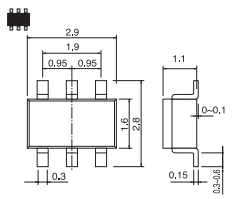
SOT-346(SMD3) [SC-59]



SOT-25(SMD5) [SC-74A]

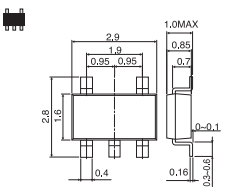


SOT-457(SMD6) [SC-74]

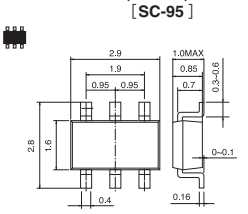


Each lead has same dimensions

SOT-25T(TSMD5) [SC-95]

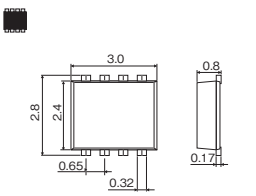


SOT-457T(TSMD6) [SC-95]



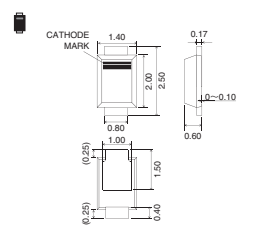
Each lead has same dimensions

(TSMD8)

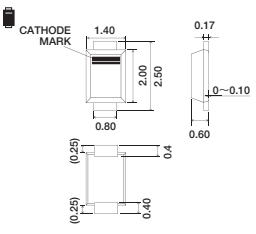


Each lead has same dimensions

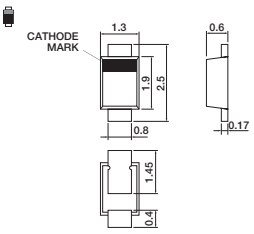
(TUMD2M) [SC-108B]



(TUMD2SM)



(TUMD2)



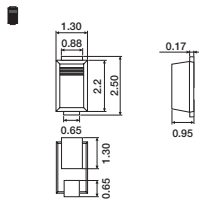
封装采用JEDEC表示。( )内表示ROHM封装，[ ]内表示JEITA编号。

功率封装

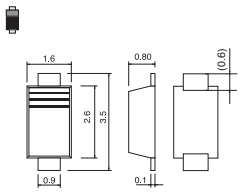
●尺寸 (单位：mm)

表面贴装型

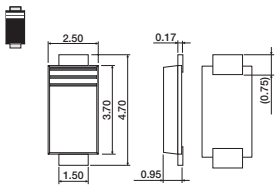
(PMDE)



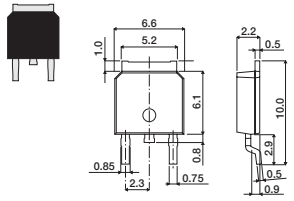
SOD-123FL(PMDU)［SC-109B］



SOD-128(PMDTM)

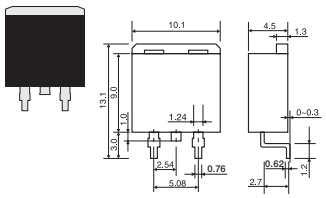


TO-252(DPAK)



Each lead has same dimensions

TO-263S(D2PAK)［SC-83］

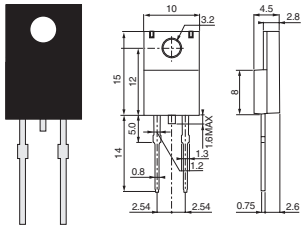


Each lead has same dimensions

封装采用JEDEC表示。( )内表示ROHM封装。[ ]内表示JEITA编号。

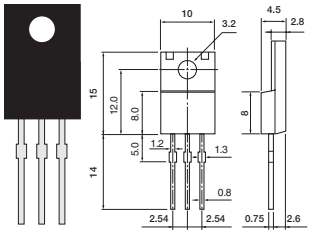
插件型

TO-220FN〈2pin〉



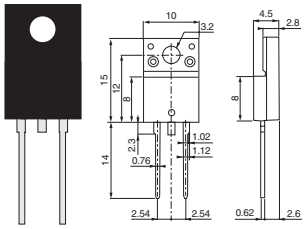
Each lead has same dimensions

TO-220FN〈3pin〉



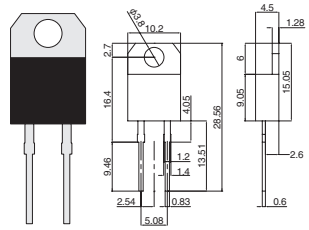
Each lead has same dimensions

TO-220NFM〈2pin〉



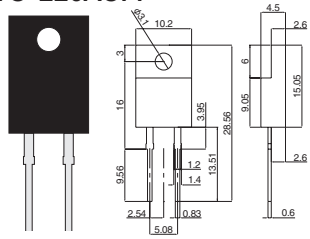
Each lead has same dimensions

TO-220AC



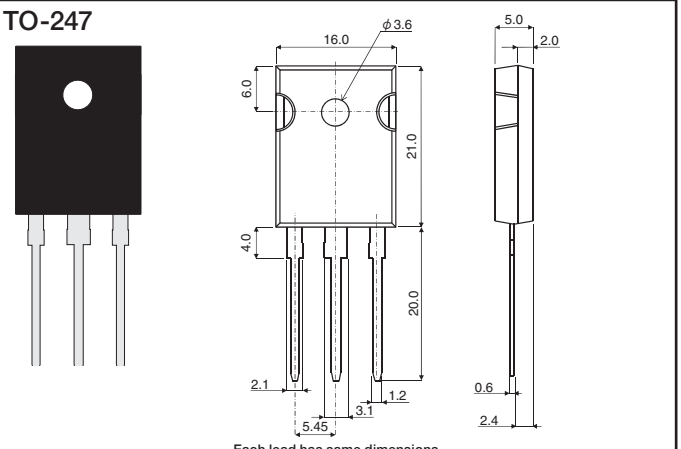
Each lead has same dimensions

TO-220ACFP



Each lead has same dimensions

TO-247



Each lead has same dimensions

封装采用JEDEC表示。

品名构成说明

· 订货时，请指明品名代码
· 请参照下表核对每一个代码
· 请由左至右填写品名代码

• 肖特基势垒二极管

例: RB751CS-40 FH T2RA
型号 产品性能代码 包装代码

• 快速恢复二极管

例: RF01VM2S FH TE-17
型号 产品性能代码 包装代码

• 整流二极管

例: RR1VWM4S TF TR
型号 产品性能代码 包装代码

• 齐纳二极管

例: CDZ FH T2RA 2.0 B
型号 产品性能代码 包装代码 齐纳电压 细区分

• ESD保护用齐纳二极管

例: FTZV6.2E FH T148
型号 产品性能代码 包装代码

• TVS

例: VS5V0VA1LAM TF TR
型号 产品性能代码 包装代码

• 开关二极管

例: DAN217UM FH TL
型号 产品性能代码 包装代码

• 高频二极管

例: 1SS390SM FH T2R
型号 产品性能代码 包装代码

• 包装代码

Package		Code	ROHM Package	Package Style	Direction	Basic ordering unit(pcs)
Surface Mount type	DSN0402-2	T27R	SMD0402	Embossed tape	Cathode on sprocket hole side	27,000
		T27N			Non-direction	
	DSN0603-2	T15R	SMD0603	Embossed tape	Cathode on sprocket hole side	15,000
	SOD-962	T2R	GMD2	Embossed tape	Cathode on sprocket hole side	8,000
		T2N		Embossed tape	Non-direction	8,000
	DFN1006-2	T2R	VML2	Embossed tape	Cathode on sprocket hole side	8,000
	SOD-923	T2RA	VMN2	Embossed tape	Cathode on sprocket hole side	8,000
	SOD-923	T2R	VMN2M	Embossed tape	Cathode on sprocket hole side	8,000
	SOD-723	T2R	VMD2	Embossed tape	Cathode on sprocket hole side	8,000
	DFN1608-2	T2R	KMD2	Embossed tape	Cathode on sprocket hole side	8,000
	SOT-723	T2L	VMD3	Embossed tape	One terminal on sprocket hole side	8,000
	SOD-523	TE61	EMD2	Embossed tape	Cathode on sprocket hole side	3,000
		T2R		Embossed tape	Cathode on sprocket hole side	8,000
		T2N		Embossed tape	Non-direction	8,000
	SOT-416	TL	EMD3	Embossed tape	One terminal on sprocket hole side	3,000
	SOT-416FL	TL	EMD3F	Embossed tape	One terminal on sprocket hole side	3,000
	SOT-543	T2R	EMD4	Embossed tape	Cathode on sprocket hole side	8,000
	SOT-553	T2R	EMD5	Embossed tape	Cathode on sprocket hole side	8,000
	SOT-563	T2R	EMD6	Embossed tape	Cathode on sprocket hole side	8,000
	SOD-323FL	TE-17	UMD2	Embossed tape	Cathode on sprocket hole side	3,000
		TW11				
	SOT-323	T106	UMD3	Embossed tape	One terminal on sprocket hole side	3,000
	SOT-323FL	TL	UMD3F	Embossed tape	One terminal on sprocket hole side	3,000
	SOT-343	TL	UMD4	Embossed tape	Cathode on sprocket hole side (DA227)	3,000
	SOT-353	TR	UMD5	Embossed tape	Three terminals on sprocket hole side	3,000
	SOT-363	TN	UMD6	Embossed tape	Non-direction	3,000
		TR			Cathode on sprocket hole side	
	SOT-23	T116	SSD3	Embossed tape	One terminal on sprocket hole side	3,000
	SOT-346	T146	SMD3	Embossed tape	One terminal on sprocket hole side	3,000
	SOT-25	T148	SMD5	Embossed tape	Three terminals on sprocket hole side	3,000
	SOT-457	T108	SMD6	Embossed tape	Anode on sprocket hole side	3,000
		T110			Non-direction	
	SOT-25T	TR	TSMD5	Embossed tape	Terminal No.1 on sprocket hole side	3,000
	SOT-457T	TR	TSMD6	Embossed tape	Terminal No.1 on sprocket hole side	3,000
	TSMD8	TR	TSMD8	Embossed tape	Terminal No.1 on sprocket hole side	3,000
	SOD-323HE	TR	TUMD2	Embossed tape	Cathode on sprocket hole side	3,000
		TR	TUMD2S	Embossed tape	Cathode on sprocket hole side	3,000
		TR	TUMD2M	Embossed tape	Cathode on sprocket hole side	3,000
		TR	TUMD2SM	Embossed tape	Cathode on sprocket hole side	3,000
	SOT-353T	TR	TUMD5	Embossed tape	Terminal No.1 on sprocket hole side	3,000
	–	TR	PMDE	Embossed tape	Cathode on sprocket hole side	3,000
	SOD-123FL		PMDU			
	SOD-128	TR	PMDTM	Embossed tape	Cathode on sprocket hole side	3,000
	TO-252(DPAK)	TL	–	Embossed tape	Fin on sprocket hole side	2,500
	TO-263S(D2PAK)	TL	–	Embossed tape	Fin on sprocket hole side	1,000
Leaded type	TO-220FN	C9	–	Stick	box	1,000
	TO-220NFM	C9	–	Stick	box	1,000
	TO-220AC	C9	–	Stick	box	1,000
	TO-220ACFP	C9	–	Stick	box	1,000
	TO-247	C11	–	Stick	box	450