

二极管

肖特基势垒二极管	P.195	快速恢复二极管	P.208
整流二极管	P.212	齐纳二极管	P.213
保护元件	P.215	双向齐纳二极管	P.215
TVS	P.216	开关二极管	P.220
高频二极管	P.222	封装	P.223
品名构成说明	P.225		

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 ₀ (mA)	Surface Mount type											
		0402 size		0603 size				1006 size					
		DSN0402-2 (SMD0402)		DSN0603-2 (SMD0603)		DSN0603-2 (SMD0603B)		DSN1006-2 (SMD1006)		SOD-923 (VMN2M)		DFN1006-2W	
20	500											☆RB551ASA-30	19
	2,000						RAS MID™ RB061QS-20	5					
30	30									RB751CM-40	8	New RB751ASA-40	20
	100	1	RAS MID™ RB522FS-30	RAS MID™ RB522ES-30	2					RB520CM-30	9		
										RB521CM-30	10		
										RB530CM-30	11		
										RB531CM-30	12		
200					RAS MID™ RB520HS-30	3					New RB520ASA-30	21	
						RAS MID™ RB532HS-30	4					New RB521ASA-30	22
500											☆RB550ASA-30	23	
40	100									RB530CM-40	13		
										RB531CM-40	14		
										RB520CM-40	15		
										RB521CM-40	16		
200											New RB520ASA-40	24	
1,000							RAS MID™ RB161QS-40	6					
1,500							RAS MID™ RB160QS-40	7					
60	100									RB530CM-60	17		
										RB520CM-60	18		

©RAS MID™：采用ROHM自有的新工艺，实现小型化，具有高精度尺寸的超小型产品系列。
RAS MID™是ROHM Co., Ltd.的商标或注册商标。
注：封装采用JEDEC表示。()内表示ROHM封装。

☆：开发中

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)	Surface Mount type																				
		1608 size		2512 size		2514 size		1616 size		2120 size		2924 size										
								SOD-523 (EMD2) [SC-79]		SOD-323FL (UMD2) [SC-90A]		SOD-323HE (TUMD2M) [SC-108B]		SOT-416FL (EMD3F) [SC-89]		SOT-323FL (UMD3F) [SC-85]		SOT-323 (UMD3) [SC-70]		SOT-23 (SSD3)		
20	500		RB551VM-30	43	RB411VAM-50	68																
	700																	RB461FM	123			
	1,000				RB162VAM-20	69																
	2,000				RB161VAM-20	70																
30	30	RB751SM-40	25	RB751VM-40	44																	
	100	RB510SM-30	26	RB510VM-30	45																	
		RB511SM-30	27	RB530VM-30	46				RB548WM	114												
		RB500SM-30	28	RB511VM-30	47				RB557WM	108												
		RB501SM-30	29	RB531VM-30	48				RB558WM	115												
	200	RB520SM-30	30	RB520VM-30	49																BAT54CHY	106
		RB521SM-30	31	RB521VM-30	50																BAT54AHY	112
		RB530SM-30	32	RB540VM-30	51																BAT54SHY	119
		RB531SM-30	33	RB541VM-30	52																BAT54HY	125
	300	500		RB550VM-30	53	RSX051VAM30	73															
		700				RSX051VYM30	74															
		1,000					RSX071VAM30	75														
						RSX071VYM30	76															
					RB168VAM-30	77																
					RB168VYM-30	78																
1,500					RB550VAM-30	79																
					RB550VYM-30	80																
					RSX101VAM30	81																
					RSX101VYM30	82																
40	300																					
	80																					
	100	RB510SM-40	34	RB510VM-40	54																	
		RB511SM-40	35	RB511VM-40	55																	
		RB530SM-40	36	RB530VM-40	56																	
		RB531SM-40	37	RB531VM-40	57																	
	120																					
	200	RB540SM-40	38	RB540VM-40	60																	
RB541SM-40		39	RB541VM-40	61																		
RB520SM-40		40	RB520VM-40	62																		
RB521SM-40		41	RB521VM-40	63																		
500																						
1,000																						
60	200	RB521SM-60	42																			
	1,000																					
90	200																					
100	700																					
	1,000																					
150	500																					
	1,000																					

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

肖特基势垒二极管

肖特基势垒二极管

例: **R B 7 5 1 S M - 4 0 F H T 2 R**
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 (T _c =25°C)				Electrical Characteristics (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 *1 (mA)	I _{FSM} (A)*2 60Hz.1~	V _F (V) Max	I _F (mA)	I _R (μA) Max	V _R (V)			
		General	Automotive												
1	RASMID™ RB522FS-30	-	T27R	30	30	100	0.5	0.37	10	7	10	DSN0402-2 (SMD0402)	-		
2	RASMID™ RB522ES-30	-	T15R	30	30	100	0.5	0.37	10	7	10	DSN0603-2 (SMD0603)	-		
3	RASMID™ RB520HS-30	-	T15R	30	30	200	1.5	0.43	10	0.3	10	DSN0603-2 (SMD0603B)	-		
4	RASMID™ RB532HS-30	-	T15R	30	30	200	1.5	0.3	10	15	10		-		
5	RASMID™ RB061QS-20	-	T18R	20	20	2,000	15	0.47	2,000	200	10	DSN1006-2 (SMD1006)	-		
6	RASMID™ RB161QS-40	-	T18R	40	40	1,000	7	0.6	1,000	100	10		-		
7	RASMID™ RB160QS-40	-	T18R	40	40	1,500	10	0.65	1,500	1	10	-			
8	RB751CM-40	-	T2R	40	30	30	0.2	0.37	1	0.5	30	SOD-923 (VMN2M)	-		
9	RB520CM-30	-	T2R	-	30	100	0.5	0.45	10	0.5	10		-		
10	RB521CM-30	-	T2R	-	30	100	0.5	0.35	10	10	10		-		
11	RB530CM-30	-	T2R	30	30	100	0.5	0.46	10	0.3	10		-		
12	RB531CM-30	-	T2R	30	30	100	0.5	0.37	10	7	10		-		
13	RB530CM-40	-	T2R	40	40	100	0.5	0.48	10	2	40		-		
14	RB531CM-40	-	T2R	40	40	100	0.5	0.41	10	25	40		-		
15	RB520CM-40	-	T2R	40	40	100	1	0.71	100	15	40		-		
16	RB521CM-40	-	T2R	40	40	100	1	0.61	100	100	40		-		
17	RB530CM-60	-	T2R	60	60	100	0.2	0.54	10	1	60		-		
18	RB520CM-60	-	T2R	60	60	100	0.5	0.44	10	3	60		-		
19	☆RB551ASA-30	FH	T2RB	30	20	500	1	0.47	500	100	20		DFN1006-2W		YES
20	New RB751ASA-40	FH	T2RB	40	30	30	0.2	0.37	1	0.5	30				YES
21	New RB520ASA-30	FH	T2RB	30	30	200	1	0.58	200	1	10				YES
22	New RB521ASA-30	FH	T2RB	30	30	200	1	0.47	200	30	10				YES
23	☆RB550ASA-30	FH	T2RB	30	30	500	1	0.59	500	35	30				YES
24	New RB520ASA-40	FH	T2RB	40	40	200	1	0.55	100	10	40				YES
25	RB751SM-40	FH	T2R	40	30	30	0.2	0.37	1	0.5	30		SOD-523 (EMD2) [SC-79]	YES	
26	RB510SM-30	-	T2R	30	30	100	0.5	0.46	10	0.3	10	-			
27	RB511SM-30	-	T2R	30	30	100	0.5	0.37	10	7	10	-			
28	RB500SM-30	FH	T2R	30	30	100	1	0.45	10	0.5	10	YES			
29	RB501SM-30	FH	T2R	30	30	100	1	0.35	10	10	10	YES			
30	RB520SM-30	FH	T2R	-	30	200	1	0.58	200	1	10	YES			
31	RB521SM-30	FH	T2R	-	30	200	1	0.47	200	30	10	YES			
32	RB530SM-30	FH	T2R	-	30	200	1	0.45	10	0.5	10	YES			
33	RB531SM-30	FH	T2R	-	30	200	1	0.35	10	10	10	YES			
34	RB510SM-40	FH	T2R	40	40	100	0.5	0.48	10	2	40	YES			
35	RB511SM-40	-	T2R	40	40	100	0.5	0.41	10	25	40	-			
36	RB530SM-40	FH	T2R	40	40	100	1	0.71	100	15	40	YES			
37	RB531SM-40	-	T2R	40	40	100	1	0.61	100	100	40	-			
38	RB540SM-40	-	T2R	40	40	200	1	0.71	100	15	40	-			
39	RB541SM-40	-	T2R	40	40	200	1	0.61	100	100	40	-			
40	RB520SM-40	FH	T2R	45	40	200	1	0.55	100	10	40	YES			
41	RB521SM-40	FH	T2R	45	40	200	1	0.54	200	90	40	YES			
42	RB521SM-60	FH	T2R	60	60	200	1	0.6	200	100	60	YES			

©RASMID™: 采用ROHM自有的新工艺, 实现小型化, 具有高精度尺寸的超小型产品系列。

RASMID™是ROHM Co., Ltd.的商标或注册商标。

*一般产品的性能代码为空白。

*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。

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

☆: 开发中

肖特基势垒二极管

肖特基势垒二极管

例: **R B 5 2 1 V M - 3 0 F H T E - 1 7**
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 (T _c =25°C)				Electrical Characteristics (T _r =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												
43	RB551VM-30	—	—	TE-17	30	20	500	2	0.47	500	100	20	SOD-323FL (UMD2) [SC-90A]		—
44	RB751VM-40	FH	—	TE-17	40	30	30	0.2	0.37	1	0.5	30			YES
45	RB510VM-30	FH	—	TE-17	30	30	100	0.5	0.46	10	0.3	10			YES
46	RB530VM-30	FH	—	TE-17	30	30	100	0.5	0.45	10	0.5	10			YES
47	RB511VM-30	—	—	TE-17	30	30	100	0.5	0.37	10	7	10			—
48	RB531VM-30	—	—	TE-17	30	30	100	1	0.49	100	10	10			—
49	RB520VM-30	FH	—	TE-17	30	30	200	1	0.58	200	1	10			YES
50	RB521VM-30	FH	—	TE-17	30	30	200	1	0.47	200	30	10			YES
51	RB540VM-30	—	—	TE-17	30	30	200	1	0.45	10	0.5	10			—
52	RB541VM-30	—	—	TE-17	30	30	200	1	0.64	200	10	10			—
53	RB550VM-30	—	—	TE-17	30	30	500	1	0.59	500	35	30			—
54	RB510VM-40	—	—	TE-17	40	40	100	0.5	0.48	10	2	40			—
55	RB511VM-40	—	—	TE-17	40	40	100	0.5	0.41	10	25	40			—
56	RB530VM-40	FH	—	TE-17	40	40	100	1	0.69	100	15	40			YES
57	RB531VM-40	—	—	TE-17	40	40	100	1	0.61	100	100	40			—
58	RB500VM-40	*	FH	TE-17	45	40	100	1	0.45	10	1	10			YES
59	RB501VM-40	FH	—	TE-17	45	40	100	1	0.55	100	30	10			YES
60	RB540VM-40	—	—	TE-17	40	40	200	1	0.71	100	15	40			—
61	RB541VM-40	—	—	TE-17	40	40	200	1	0.61	100	100	40			—
62	RB520VM-40	FH	—	TE-17	40	40	200	1	0.55	100	10	40			YES
63	RB521VM-40	FH	—	TE-17	40	40	200	1	0.54	200	90	40			YES
64	RB550VM-40	—	—	TE-17	40	40	200	1	0.51	200	40	40			—
65	RB551VM-40	FH	—	TE-17	40	40	200	1	0.43	200	300	40			YES
66	RB560VM-40	FH	—	TE-17	40	40	500	2	0.64	500	40	40			YES
67	RB561VM-40	—	—	TE-17	40	40	500	2	0.56	500	300	40			—
68	RB411VAM-50	—	—	TR	50	20	500	3	0.5	500	30	10			—
69	RB162VAM-20	—	—	TR	25	20	1,000	5	0.4	1,000	1,200	20			—
70	RB161VAM-20	—	—	TR	30	20	1,000	5	0.42	1,000	1,000	20			—
71	RBE1VAM20A	—	—	TR	30	20	1,000	3	0.53	1,000	200	20			—
72	RBE2VAM20A	—	—	TR	30	20	2,000	5	0.46	2,000	700	20			—
73	RSX051VAM30	—	—	TR	30	30	500	5	0.39	500	200	30			—
74	RSX051VYM30	—	FH	TR	30	30	500	5	0.39	500	200	30			YES
75	RSX071VAM30	*	—	TR	30	30	700	5	0.42	700	200	30			—
76	RSX071VYM30	—	FH	TR	30	30	700	5	0.42	700	200	30	YES		
77	RB168VAM-30	*	—	TR	30	30	1,000	5	0.73	1,000	0.3	30	—		
78	RB168VYM-30	—	FH	TR	30	30	1,000	5	0.73	1,000	0.3	30	YES		
79	RB550VAM-30	*	—	TR	30	30	1,000	5	0.52	1,000	30	10	—		
80	RB550VYM-30	—	FH	TR	30	30	1,000	3	0.52	1,000	30	10	YES		
81	RSX101VAM30	*	—	TR	30	30	1,000	5	0.47	1,000	200	30	—		
82	RSX101VYM30	—	FH	TR	30	30	1,000	5	0.47	1,000	200	30	YES		
83	RSX201VAM30	*	—	TR	30	30	1,500	8	0.46	1,500	300	30	—		
84	RSX201VYM30	—	FH	TR	30	30	1,500	8	0.46	1,500	300	30	YES		
85	RB400VAM-50	*	—	TR	50	40	500	3	0.55	500	50	30	—		
86	RB400VYM-50	—	FH	TR	50	40	500	3	0.55	500	50	30	YES		

* 一般产品的性能代码为空白。

*1 每个元件的平均输出电流为1/1(1个元件)、1/2(2个元件)或1/3(3个元件)。

*2 每个元件的规格。

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

肖特基势垒二极管

例: **R B 1 6 8 V Y M - 6 0 F H T R**
型号 产品性能代码 包装代码

Quick Reference No.	Product No.				Absolute Maximum Ratings (T _c =25°C)				Electrical Characteristics (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 *1 (mA)	I _{FSM} (A)*2 60Hz, 1 ~	V _F (V) Max	I _F (mA)	I _R (μA) Max	V _R (V)				
		General	Automotive													
87	RB160VAM-40	*	—	TR	40	40	1,000	10	0.55	700	50	40	SOD-323HE (TUMD2M) [SC-108B]		—	
88	RB160VYM-40	—	FH	TR	40	40	1,000	10	0.55	700	50	40			YES	
89	RB168VAM-40	*	—	TR	40	40	1,000	5	0.79	1,000	0.5	40			—	
90	RB168VYM-40	—	FH	TR	40	40	1,000	5	0.79	1,000	0.5	40			YES	
91	RB160VAM-60	*	—	TR	60	60	1,000	5	0.67	1,000	40	60			—	
92	RB168VAM-60	*	—	TR	60	60	1,000	5	0.82	1,000	1	60			—	
93	RB168VYM-60	—	FH	TR	60	60	1,000	5	0.82	1,000	1	60			YES	
94	RB021VAM90	*	—	TR	90	90	200	5	0.49	200	900	90			—	
95	RB578VAM100	*	—	TR	100	100	700	5	0.85	700	0.2	100			—	
96	RB578VYM100	—	FH	TR	100	100	700	5	0.85	700	0.2	100			YES	
97	RB168VAM100	*	—	TR	100	100	1,000	5	0.84	1,000	0.3	100			—	
98	RB168VYM100	—	FH	TR	100	100	1,000	5	0.84	1,000	0.3	100			YES	
99	RB558VAM150	*	—	TR	150	150	500	3	0.95	500	0.5	150			—	
100	RB168VAM150	*	—	TR	150	150	1,000	5	0.89	1,000	1	150			—	
101	RB168VYM150	—	FH	TR	150	150	1,000	5	0.89	1,000	1	150			YES	
102	RB715WM	*	FH	TL	40	40	30*2	0.2	0.37	1	1	10			SOT-416FL (EMD3F) [SC-89]	
103	RB715UM	*	—	TL	40	40	30	0.2	0.37	1	1	10	SOT-323FL (UMD3F) [SC-85]	—		
104	RB508FM-40C	—	FH	T106	40	40	80	1	0.48	1	0.035	30	SOT-323 (UMD3) [SC-70]	YES		
105	RB715FM-40	*	FH	T106	40	40	30	0.2	0.37	1	1	10	SOT-23 (SSD3)	YES		
106	BAT54CHY		FH	T116	30	30	200*2	0.6	0.8	100	2	25		YES		
107	BAS40-05HY		FH	T116	40	40	120*2	0.6	0.5	10	1	30	YES			
108	RB557WM		—	TL	—	30	100*2	0.5	0.49	100	10	10	SOT-416FL (EMD3F) [SC-89]	—		
109	RB717UM		—	TL	45	40	30*2	0.2	0.37	1	1	30	SOT-323FL (UMD3F) [SC-85]	—		
110	RB508FM-40A		—	FH	T106	40	40	80	1	0.48	1	0.035	30	SOT-323 (UMD3) [SC-70]	YES	
111	RB706FM-40		*	FH	T106	45	40	30	0.2	0.37	1	1	30	SOT-23 (SSD3)	YES	
112	BAT54AHY	FH		T116	30	30	200*2	0.6	0.8	100	2	25	YES			
113	BAS40-06HY	FH		T116	40	40	120*2	0.6	0.5	10	1	30	YES			
114	RB548WM	—		TL	—	30	100*2	0.5	0.45	10	0.5	10	SOT-416FL (EMD3F) [SC-89]	—		
115	RB558WM	—		TL	—	30	100*2	0.5	0.49	100	10	10		—		
116	RB706WM-40	—		TL	45	40	30*2	0.2	0.37	1	0.5	30		—		
117	RB706UM-40	—		TL	45	40	30*2	0.2	0.37	1	1	30		SOT-323FL (UMD3F) [SC-85]	—	
118	RB508FM-40S	—	FH	T106	40	40	80	1	0.48	1	0.035	30	SOT-323 (UMD3) [SC-70]	YES		
119	BAT54SHY	*	FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)	YES		
120	BAS40-04HY		FH	T116	40	40	120*2	0.6	0.5	10	1	30		YES		
121	RB451UM		—	TL	40	40	100	1	0.45	100	90	40	SOT-323FL (UMD3F) [SC-85]	—		
122	RB450UM	—	TL	45	40	100	1	0.55	100	10	40	—				
123	RB461FM	—	FH	T106	25	20	700	3	0.49	700	200	20	SOT-323 (UMD3) [SC-70]	YES		
124	RB508FM-40	—	FH	T106	40	40	80	1	0.48	1	0.035	30	SOT-23 (SSD3)	YES		
125	BAT54HY	*	FH	T116	30	30	200*2	0.6	0.8	100	2	25		YES		
126	BAS40HY		FH	T116	40	40	120	0.6	0.5	10	1	30		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I_O(1个元件)、1/2 I_O(2个元件)或1/3 I_O(3个元件)。
 *2 每个元件的规格。
 注: 封装采用JEDEC表示。()内表示ROHM封装, []内表示JEITA编号。

肖特基势垒二极管

●中功率肖特基势垒二极管(高效率型)一览表

V _R (V)	I _O (A)	Surface Mount type											
		2513 size		3516 size				4725 size			5026 size		
		(PMDE)		(PMDU) (SOD-123FL) [SC-109B]		(PMDUP) (SOD-123FL)		(PMDTP) (SOD-128)	(PMDTM) (SOD-128)		DO-214AC (PMDS) (SMA)		
Low I _R type		Low V _F /Low I _R type		Low I _R type		Ultra Low I _R type	Ultra Low I _R type	Low V _F /Low I _R type	Low I _R type		Low V _F /Low I _R type		
20	5								RSX501LAM20	2			
30	1		RSX101MM-30	1									
	2								RSX201LAM30	3		RSX201L-30	6
	3								RSX205LAM30	4		RSX205L-30	7
100	2	RBLQ2VWM10	9		RBLQ2MM10	10							
	3										RBLQ3LAM10	11	
200	2												
	3								New RSX048LAP2S	13			
	5								New RSX058LAP2S	14			
									New RSX088LAP2S	15			

注：封装采用JEDEC表示。()内表示ROHM封装，〈 〉内表示GENERAL编号，[]内表示JEITA编号。

●中功率肖特基势垒二极管(标准品)一览表

V _R (V)	I _O (A)	Surface Mount type																	
		2513 size		3516 size				4725 size			5026 size								
		(PMDE)		(PMDU) (SOD-123FL) [SC-109B]		(PMDTM) (SOD-128)		(PMDTM) (SOD-128)		DO-214AC (PMDS) (SMA)									
Low V _F type		Ultra Low I _R type		Ultra Low V _F type		Low V _F type		Ultra Low I _R type		Ultra Low V _F type		Low V _F type		Ultra Low I _R type					
20	1			RBS1MM40A	16			RBS1LAM40A	22										
	2			RBS2MM40A	17			RBS2LAM40A	23										
				RBS2MM40B	18			RBS2LAM40B	24										
				RBS2MM40C	19			RBS2LAM40C	25										
	3			RBS3MM40A	20			RBS3LAM40A	26										
30	1	RBR1VWM30A	30	RB168VWM-30	91		RBR1MM30A	36	RB168MM-30	101		RBR1LAM30A	52	RB168LAM-30	111	RBR1L30A	70	RB168L-30	131
	2	RBR2VWM30A	31	RB068VWM-30	92		RBR2MM30A	37	RB068MM-30	102		RBR2LAM30A	53	RB068LAM-30	112	RBR2L30A	71	RB068L-30	132
							RBR2MM30B	38				RBR3LAM30A	54	RB058LAM-30	113	RBR3L30A	72	RB058L-30	133
							RBR2MM30C	39				RBR3LAM30B	55			RBR3L30B	73		
	3						RBR3MM30A	39				RBR5LAM30A	56	RB088LAM-30	114	RBR5L30A	74		
40	1	RBR1VWM40A	32	RB168VWM-40	93		RBR1MM40A	40	RB168MM-40	103		RBR1LAM40A	58	RB168LAM-40	115	RBR1L40A	76	RB168L-40	134
	2	RBR2VWM40A	33	RB068VWM-40	94		RBR2MM40A	41				RBR2LAM40A	59	RB068LAM-40	116	RBR2L40A	77	RB068L-40	135
							RBR2MM40B	42	RB068MM-40	104		RBR3LAM40A	60			RBR3L40A	78		
							RBR2MM40C	43				RBR3LAM40B	61	RB058LAM-40	117	RBR3L40B	79	RB058L-40	136
	3						RBR3MM40A	44				RBR3LAM40C	62			RBR3L40C	80		
60	1	RBR1VWM60A	34	RB168VWM-60	95		RBR1MM60A	46	RB168MM-60	105		RBR1LAM60A	64	RB168LAM-60	119	RBR1L60A	82	RB168L-60	137
	2	RBR2VWM60A	35	RB068VWM-60	96		RBR2MM60A	47				RBR2LAM60A	65	RB068LAM-60	120	RBR2L60A	83	RB068L-60	138
							RBR2MM60B	48	RB068MM-60	106		RBR2LAM60B	66			RBR2L60B	84		
							RBR2MM60C	49				RBR3LAM60A	67	RB058LAM-60	121	RBR3L60A	85	RB058L-60	139
	3						RBR3MM60A	50				RBR3LAM60B	68			RBR3L60B	86		
90	1						RBR3MM60B	51				RBR5LAM60A	69	RB088LAM-60	122	RBR5L60A	87		
	2										RBR5LAM60B	70							
	3																		
	5																		
	1						RB160MM-90	89				RB160LAM-90	90			RB160L-90	88		
100	1			RB168VWM100	97									RB168LAM100	123			RB168L100	140
	2			RB068VWM100	98									RB068LAM100	124			RB068L100	141
	3													RB058LAM100	125				
	5													RB088LAM100	126				
	1			RB168VWM150	99									RB168LAM150	127			RB168L150	142
150	2			RB068VWM150	100									RB068LAM150	128			RB068L150	143
	3													RB058LAM150	129			RB058L150	144
	5													RB088LAM150	130				
	1													New RB168MM200	110				

注：封装采用JEDEC表示。()内表示ROHM封装，〈 〉内表示GENERAL编号，[]内表示JEITA编号。

肖特基势垒二极管

肖特基势垒二极管

例: **RSX101MM-30** **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.				Absolute Maximum Ratings (T _c =25°C)				Electrical Characteristics (T _j =25°C)				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code General/Automotive	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 (mA) Max	V _R (V)				
低V_F/低I_R型															
1	RSX101MM-30	*	TF	TR	30	30	1	45	0.39	1	0.2	30	(PMDU) (SOD-123FL) [SC-109B]		YES
2	RSX501LAM20	*	-	TR	20	20	5	100	0.39	3	0.5	20	(PMDTM) (SOD-128)		-
3	RSX201LAM30		TF	TR	30	30	2	60	0.44	2	0.15	30			YES
4	RSX205LAM30		TF	TR	30	30	2	60	0.49	2	0.2	30			YES
5	RSX301LAM30		TF	TR	30	30	3	100	0.42	3	0.2	15			YES
6	RSX201L-30	-	DD	TE25	30	30	2	60	0.44	2	0.15	30	DO-214AC (PMDS) (SMA)		YES
7	RSX205L-30		TF	TE25	30	30	2	60	0.49	2	0.2	30			YES
8	RSX301L-30		DD	TE25	30	30	3	70	0.42	3	0.2	30			YES
低I_R型															
9	RBLQ2VWM10	*	TF	TR	100	100	2	30	0.77	2	0.01	100	(PMDE)		YES
10	RBLQ2MM10	*	TF	TR	100	100	2	30	0.77	2	0.01	100	(PMDU) (SOD-123FL) [SC-109B]		YES
11	RBLQ3LAM10	*	TF	TR	100	100	3	80	0.64	3	0.03	100	(PMDTM) (SOD-128)		YES
超低I_R型															
12	New RSX068MP2S	*	-	TR	200	200	2	50	0.89	2	0.0001	200	(PMDUP) (SOD-123FL)		-
13	New RSX048LAP2S	*	-	TR	200	200	3	75	0.87	3	0.0002	200	(PMDTP) (SOD-128)		-
14	New RSX058LAP2S		-	TR	200	200	3	50	0.92	3	0.0001	200			-
15	New RSX088LAP2S		-	TR	200	200	5	75	0.92	5	0.0002	200			-
中功率肖特基势垒二极管(标准品)1															
超低V_F型															
16	RBS1MM40A	*	-	TR	40	20	1	25	0.38	1	0.4	20	(PMDU) (SOD-123FL) [SC-109B]		-
17	RBS2MM40A		-	TR	40	20	2	25	0.48	2	0.4	20			-
18	RBS2MM40B		-	TR	40	20	2	35	0.41	2	0.5	20			-
19	RBS2MM40C		-	TR	40	20	2	45	0.39	2	0.6	20			-
20	RBS3MM40A		-	TR	40	20	3	35	0.49	3	0.5	20			-
21	RBS3MM40B	-	TR	40	20	3	45	0.45	3	0.6	20	-			
22	RBS1LAM40A	*	-	TR	40	20	1	40	0.38	1	0.4	20	(PMDTM) (SOD-128)		-
23	RBS2LAM40A		-	TR	40	20	2	40	0.48	2	0.4	20			-
24	RBS2LAM40B		-	TR	40	20	2	50	0.41	2	0.5	20			-
25	RBS2LAM40C		-	TR	40	20	2	80	0.37	2	0.8	20			-
26	RBS3LAM40A		-	TR	40	20	3	50	0.49	3	0.5	20			-
27	RBS3LAM40B		-	TR	40	20	3	60	0.45	3	0.6	20			-
28	RBS3LAM40C		-	TR	40	20	3	80	0.4	3	0.8	20			-
29	RBS5LAM40A		-	TR	40	20	5	80	0.49	5	0.8	20			-
低V_F型															
30	RBR1VWM30A	*	TF	TR	30	30	1	30	0.48	1	0.05	30	(PMDE)		YES
31	RBR2VWM30A		TF	TR	30	30	2	30	0.53	2	0.05	30			YES
32	RBR1VWM40A		TF	TR	40	40	1	20	0.52	1	0.05	40			YES
33	RBR2VWM40A		TF	TR	40	40	2	20	0.62	2	0.05	40			YES
34	RBR1VWM60A		TF	TR	60	60	1	20	0.53	1	0.075	60			YES
35	RBR2VWM60A	TF	TR	60	60	2	20	0.65	2	0.075	60	YES			
36	RBR1MM30A	*	TF	TR	30	30	1	30	0.48	1	0.05	30	(PMDU) (SOD-123FL) [SC-109B]		YES
37	RBR2MM30A		TF	TR	30	30	2	30	0.53	2	0.05	30			YES
38	RBR2MM30B		TF	TR	30	30	2	30	0.49	2	0.08	30			YES
39	RBR3MM30A		TF	TR	30	30	3	30	0.51	3	0.1	30			YES
40	RBR1MM40A		TF	TR	40	40	1	20	0.52	1	0.05	40			YES
41	RBR2MM40A		TF	TR	40	40	2	20	0.62	2	0.05	40			YES
42	RBR2MM40B		TF	TR	40	40	2	30	0.55	2	0.08	40			YES
43	RBR2MM40C		TF	TR	40	40	2	30	0.52	2	0.1	40			YES
44	RBR3MM40A		TF	TR	40	40	3	30	0.62	3	0.08	40			YES
45	RBR3MM40B		TF	TR	40	40	3	30	0.58	3	0.1	40			YES
46	RBR1MM60A		TF	TR	60	60	1	20	0.53	1	0.075	60			YES
47	RBR2MM60A		TF	TR	60	60	2	20	0.65	2	0.075	60			YES
48	RBR2MM60B		TF	TR	60	60	2	30	0.58	2	0.1	60			YES
49	RBR2MM60C		TF	TR	60	60	2	30	0.55	2	0.12	60			YES
50	RBR3MM60A		TF	TR	60	60	3	30	0.66	3	0.1	60			YES
51	RBR3MM60B	TF	TR	60	60	3	30	0.61	3	0.12	60	YES			
52	RBR1LAM30A	*	TF	TR	30	30	1	40	0.48	1	0.05	30	(PMDTM) (SOD-128)		YES
53	RBR2LAM30A		TF	TR	30	30	2	45	0.49	2	0.08	30			YES
54	RBR3LAM30A		TF	TR	30	30	3	40	0.58	3	0.05	30			YES
55	RBR3LAM30B		TF	TR	30	30	3	45	0.53	3	0.08	30			YES
56	RBR5LAM30A		TF	TR	30	30	5	75	0.54	5	0.1	30			YES
57	RBR5LAM30B		TF	TR	30	30	5	100	0.49	5	0.15	30			YES
58	RBR1LAM40A		TF	TR	40	40	1	40	0.52	1	0.05	40			YES
59	RBR2LAM40A		TF	TR	40	40	2	45	0.55	2	0.08	40			YES
60	RBR3LAM40A		TF	TR	40	40	3	40	0.69	3	0.05	40			YES
61	RBR3LAM40B		TF	TR	40	40	3	45	0.62	3	0.08	40			YES
62	RBR3LAM40C		TF	TR	40	40	3	75	0.55	3	0.1	40			YES
63	RBR5LAM40A		TF	TR	40	40	5	100	0.53	5	0.2	40			YES
64	RBR1LAM60A		TF	TR	60	60	1	40	0.53	1	0.075	60			YES
65	RBR2LAM60A		TF	TR	60	60	2	40	0.65	2	0.075	60			YES
66	RBR2LAM60B		TF	TR	60	60	2	75	0.52	2	0.15	60			YES
67	RBR3LAM60A		TF	TR	60	60	3	45	0.66	3	0.1	60			YES
68	RBR3LAM60B		TF	TR	60	60	3	75	0.56	3	0.15	60			YES
69	RBR5LAM60A		TF	TR	60	60	5	100	0.55	5	0.25	60			YES

* 一般产品的性能代码为空白。
 注：封装采用JEDEC表示。()内表示ROHM封装，()内表示GENERAL编号，[]内表示JEITA编号。

肖特基势垒二极管

肖特基势垒二极管

例: **RBR1L30A** **DD** **TE25**
型号 产品性能代码 封装代码

中功率肖特基势垒二极管(标准品)2															
Quick Reference No.	Product No.				Absolute Maximum Ratings (T _c =25°C)				Electrical Characteristics (T _j =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 (mA) Max	V _R (V)			
低V_F型															
70	RBR1L30A	-	DD	TE25	30	30	1	30	0.48	1	0.05	30	DO-214AC (PMDS) (SMA)		YES
71	RBR2L30A		DD	TE25	30	30	2	40	0.49	2	0.08	30			YES
72	RBR3L30A		DD	TE25	30	30	3	30	0.58	3	0.05	30			YES
73	RBR3L30B		DD	TE25	30	30	3	40	0.53	3	0.08	30			YES
74	RBR5L30A		DD	TE25	30	30	5	50	0.54	5	0.1	30			YES
75	RBR5L30B		DD	TE25	30	30	5	50	0.49	5	0.15	30			YES
76	RBR1L40A		DD	TE25	40	40	1	30	0.52	1	0.05	40			YES
77	RBR2L40A		DD	TE25	40	40	2	40	0.55	2	0.08	40			YES
78	RBR3L40A		DD	TE25	40	40	3	30	0.69	3	0.05	40			YES
79	RBR3L40B		DD	TE25	40	40	3	40	0.62	3	0.08	40			YES
80	RBR3L40C		DD	TE25	40	40	3	50	0.55	3	0.1	40			YES
81	RBR5L40A		DD	TE25	40	40	5	50	0.53	5	0.2	40			YES
82	RBR1L60A		DD	TE25	60	60	1	30	0.53	1	0.075	60			YES
83	RBR2L60A		DD	TE25	60	60	2	30	0.65	2	0.075	60			YES
84	RBR2L60B		DD	TE25	60	60	2	50	0.52	2	0.15	60			YES
85	RBR3L60A		DD	TE25	60	60	3	40	0.66	3	0.1	60			YES
86	RBR3L60B		DD	TE25	60	60	3	50	0.56	3	0.15	60			YES
87	RBR5L60A	DD	TE25	60	60	5	50	0.55	5	0.25	60	YES			
88	RB160L-90	-	TF	TE25	95	90	1	30	0.73	1	0.1	90	DO-214AC (PMDS) (SMA)		YES
89	RB160MM-90	*	TF	TR	90	90	1	30	0.73	1	0.1	90	(PMDU) (SOD-123FL)		YES
90	RB160LAM-90	*	TF	TR	95	90	1	50	0.73	1	0.1	90	(PMDTM) (SOD-128)		YES
超低I_R型															
91	RB168VWM-30	*	TF	TR	30	30	1	30	0.69	1	0.0006	30	(PMDE)		YES
92	RB068VWM-30		TF	TR	30	30	2	30	0.75	2	0.0006	30			YES
93	RB168VWM-40		TF	TR	40	40	1	30	0.69	1	0.0005	40			YES
94	RB068VWM-40		TF	TR	40	40	2	30	0.79	2	0.0005	40			YES
95	RB168VWM-60		TF	TR	60	60	1	30	0.76	1	0.0005	60			YES
96	RB068VWM-60		TF	TR	60	60	2	30	0.84	2	0.0005	60			YES
97	RB168VWM100		TF	TR	100	100	1	25	0.84	1	0.0003	100			YES
98	RB068VWM100		TF	TR	100	100	2	25	0.94	2	0.0003	100			YES
99	RB168VWM150		TF	TR	150	150	1	25	0.89	1	0.001	150			YES
100	RB068VWM150		TF	TR	150	150	2	25	0.96	2	0.001	150			YES
101	RB168MM-30	*	TF	TR	30	30	1	30	0.69	1	0.0006	30	(PMDU) (SOD-123FL) [SC-109B]		YES
102	RB068MM-30		TF	TR	30	30	2	50	0.7	2	0.0008	30			YES
103	RB168MM-40		TF	TR	40	40	1	40	0.65	1	0.00055	40			YES
104	RB068MM-40		TF	TR	40	40	2	40	0.725	2	0.00055	40			YES
105	RB168MM-60		TF	TR	60	60	1	40	0.68	1	0.0015	60			YES
106	RB068MM-60		TF	TR	60	60	2	40	0.765	2	0.0015	60			YES
107	RB168MM100		TF	TR	100	100	1	40	0.81	1	0.0004	100			YES
108	RB068MM100		TF	TR	100	100	2	40	0.87	2	0.0004	100			YES
109	RB168MM150		TF	TR	150	150	1	35	0.84	1	0.004	150			YES
110	<i>New</i> RB168MM200		TF	TR	200	200	1	35	0.89	1	0.00085	200			YES
111	RB168LAM-30	*	TF	TR	30	30	1	40	0.69	1	0.0006	30	(PMDTM) (SOD-128)		YES
112	RB068LAM-30		TF	TR	30	30	2	50	0.7	2	0.0008	30			YES
113	RB058LAM-30		TF	TR	30	30	3	80	0.68	3	0.0025	30			YES
114	RB088LAM-30		TF	TR	30	30	5	80	0.69	5	0.0025	30			YES
115	RB168LAM-40		TF	TR	40	40	1	40	0.69	1	0.0005	40			YES
116	RB068LAM-40		TF	TR	40	40	2	50	0.69	2	0.001	40			YES
117	RB058LAM-40		TF	TR	40	40	3	90	0.69	3	0.0025	40			YES
118	RB088LAM-40		TF	TR	40	40	5	90	0.71	5	0.0036	40			YES
119	RB168LAM-60		TF	TR	60	60	1	40	0.68	1	0.0015	60			YES
120	RB068LAM-60		TF	TR	60	60	2	70	0.68	2	0.002	60			YES
121	RB058LAM-60		TF	TR	60	60	3	90	0.64	3	0.004	60			YES
122	RB088LAM-60		TF	TR	60	60	5	90	0.71	5	0.004	60			YES
123	RB168LAM100		TF	TR	100	100	1	40	0.81	1	0.0004	100			YES
124	RB068LAM100		TF	TR	100	100	2	70	0.81	2	0.0015	100			YES
125	RB058LAM100		TF	TR	100	100	3	80	0.81	3	0.003	100			YES
126	RB088LAM100		TF	TR	100	100	5	80	0.87	5	0.003	100			YES
127	RB168LAM150		TF	TR	150	150	1	50	0.84	1	0.0025	150			YES
128	RB068LAM150		TF	TR	150	150	2	70	0.81	2	0.003	150			YES
129	RB058LAM150		TF	TR	150	150	3	80	0.84	3	0.003	150			YES
130	RB088LAM150		TF	TR	150	150	5	80	0.9	5	0.003	150			YES
131	RB168L-30	-	TF	TE25	30	30	1	30	0.69	1	0.0006	30	DO-214AC (PMDS) (SMA)		YES
132	RB068L-30		DD	TE25	30	30	2	60	0.7	2	0.0008	30			YES
133	RB058L-30		DD	TE25	30	30	3	90	0.68	3	0.0025	30			YES
134	RB168L-40		TF	TE25	40	40	1	50	0.65	1	0.00055	40			YES
135	RB068L-40		DD	TE25	40	40	2	50	0.69	2	0.001	40			YES
136	RB058L-40		DD	TE25	40	40	3	100	0.7	3	0.005	40			YES
137	RB168L-60		TF	TE25	60	60	1	50	0.68	1	0.0015	60			YES
138	RB068L-60		DD	TE25	60	60	2	90	0.68	2	0.002	60			YES
139	RB058L-60		DD	TE25	60	60	3	120	0.64	3	0.004	60			YES
140	RB168L100		DD	TE25	100	100	1	50	0.81	1	0.0004	100			YES
141	RB068L100		DD	TE25	100	100	2	110	0.79	2	0.003	100			YES
142	RB168L150		DD	TE25	150	150	1	50	0.84	1	0.004	150			YES
143	RB068L150		DD	TE25	150	150	2	90	0.81	2	0.003	150			YES
144	RB058L150		DD	TE25	150	150	3	90	0.85	3	0.003	150			YES

* 一般产品的产品性能代码为空白。
 注：封装采用JEDEC表示。()内表示ROHM封装, < >内表示GENERAL编号, []内表示JEITA编号。

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)	Surface Mount type								
		TO-277A (TO-277GE)		(TO-252GE) (DPAK) [SC-63]		TO-252 (DPAK) [SC-63]		TO-263L (LPDL) (D2PAK) [SC-83]		
Low I _R type		Low I _R type		Low I _R type		Low I _R type		Low I _R type		
100	10	RBLQ10RSM10	1							
	20			RBLQ20BGE10	2	RBLQ20BM10	3	New RBLQ20NL10S New RBLQ20NL10C	4 6	
	30							New RBLQ30NL10S	5	

注：封装采用JEDEC表示。()内表示ROHM封装，< >内表示GENERAL编号，[]内表示JEITA编号。





●功率肖特基势垒二极管(标准品)一览表1

V _R (V)	I _o (A)	Surface Mount type											
		TO-277A (TO-277GE)			(TO-252GE) (DPAK) [SC-63]			TO-252 (DPAK) [SC-63]					
Low V _F type		Low I _R type		Ultra Low I _R type		Low V _F type		Low I _R type		Ultra Low I _R type			
30	5							RB078BGE30S	99			RB078BM30S	114
	6							RB098BGE-30	102			RB098BM-30	115
	10				RBR10BGE30A	10		RB088BGE-30	103	RBR10BM30A	19	RB088BM-30	116
	15				RBR15BGE30A	11				RBR15BM30A	20		
	20				RBR20BGE30A	12				RBR20BM30A	21		
40	3	New RBR3RSM40B	7										
	5	New RBR5RSM40B	8										
	6							RB098BGE-40	104			RB098BM-40	117
	10	New RBR10RSM40B	9		RBR10BGE40A	13		RB088BGE-40	105	RBR10BM40A	22	RB088BM-40	118
	15				RBR15BGE40A	14				RBR15BM40A	23		
45	10												
	15							RBQ10BGE45A	55			RBQ10BM45A	63
	15							RBQ15BGE45A	56			RBQ15BM45A	64
	20							RBQ20BGE45A	57			RBQ20BM45A	65
60	6							RB098BGE-60	106			RB098BM-60	119
	10				RBR10BGE60A	16		RB088BGE-60	107	RBR10BM60A	25	RB088BM-60	120
	15				RBR15BGE60A	17				RBR15BM60A	26		
	20				RBR20BGE60A	18				RBR20BM60A	27		
65	3	New RBQ3RSM65B	49										
	5	New RBQ5RSM65B	50										
	10	New RBQ10RSM65B	51										
	15							RBQ10BGE65A	58			RBQ10BM65A	66
	20							RBQ15BGE65A	59			RBQ15BM65A	67
100	3	New RBQ3RSM10B	52	New RB058RSM10S	91								
	5	New RBQ5RSM10B	53	New RB078RSM10S	92								
	6												
	8			New RB048RSM10S	93			RB098BGE100	108			RB098BM100	121
	10	New RBQ10RSM10B	54	New RB088RSM10S	94								
	15							RBQ10BGE10A	61	RB088BGE100	109	RBQ10BM100A	69
	20							RBQ15BGE10A	62			RBQ15BM100A	70
150	3			New RB058RSM15S	95								
	5			New RB078RSM15S	96								
	6												
	8			New RB048RSM15S	97								
	10			New RB088RSM15S	98			RB098BGE150	110			RB098BM150	123
200	3							New RSX058BGE2S	112			New RSX058BM2S	100
	5							New RSX078BGE2S	113			New RSX078BM2S	101
	10											RB088BM200	125
	20											RB218BM200	126

注：封装采用JEDEC表示。()内表示ROHM封装，< >内表示GENERAL编号，[]内表示JEITA编号。

肖特基势垒二极管

●功率肖特基势垒二极管(标准品)一览表2

V _R (V)	I _o (A)	Surface Mount type				Through Hole type					
											
		(TO-263S) (D2PAK)		TO-263L (LPDL) (D2PAK) [SC-83]		(TO-220FN) <3pin>		(TO-220FN) <2pin>			
		Low V _F type	Low I _R type	Ultra Low I _R type	Low I _R type	Low V _F type	Low I _R type	Ultra Low I _R type	Low I _R type		
30	10	RBR10NS30A	28		RB088NS-30	127	RBR10T30A	40		RB088T-30	150
	20	RBR20NS30A	29		RB218NS-30	128	RBR20T30A	41		RB218T-30	151
	30	RBR30NS30A	30		RB228NS-30	129	RBR30T30A	42		RB228T-30	152
	40	RBR40NS30A	31		RB238NS-30	130				RB238T-30	153
40	10	RBR10NS40A	32		RB088NS-40	131	RBR10T40A	43		RB088T-40	154
	20	RBR20NS40A	33		RB218NS-40	132	RBR20T40A	44		RB218T-40	155
	30	RBR30NS40A	34		RB228NS-40	133	RBR30T40A	45		RB228T-40	156
	40	RBR40NS40A	35		RB238NS-40	134				RB238T-40	157
45	10		RBQ10NS45A	72		☆RBQ10NL45B	82		RBQ10T45A	84	
	16					☆RBQ16NL45B	83				
	20		RBQ20NS45A	73					RBQ20T45A	85	
	30		RBQ30NS45A RBQ30NS45B	74 81					RBQ30T45A	86	RBQ30TB45B
60	10	RBR10NS60A	36		RB088NS-60 RB218NS-60	135 136	RBR10T60A	46		RB088T-60 RB218T-60	158 159
	20	RBR20NS60A	37		RB228NS-60	137	RBR20T60A	47		RB228T-60	160
	30	RBR30NS60A	38		RB238NS-60	138	RBR30T60A	48		RB238T-60	161
	40	RBR40NS60A	39								
65	10		RBQ10NS65A	75					RBQ10T65A	87	
	20		RBQ20NS65A	76					RBQ20T65A	88	
	30		RBQ30NS65A	77					RBQ30T65A	89	
100	10		RBQ10NS100A	78	RB088NS100	139				RB088T100	162
	20		RBQ20NS100A	79	RB218NS100	140				RB218T100	163
	30		RBQ30NS100A	80	RB228NS100 RB298NS100	141 142				RB228T100 RB298T100	164 165
	40				RB238NS100	143				RB238T100	166
150	10				RB088NS150	144				RB088T150	167
	20				RB218NS150	145				RB218T150	168
	30				RB228NS150	146				RB228T150	169
	40				RB238NS150	147				RB238T150	170
200	10				RB088NS200	148					
	20				RB218NS200	149					

注：封装采用JEDEC表示。()内表示ROHM封装，〈 〉内表示GENERAL编号，[]内表示JEITA编号。

☆：开发中

肖特基势垒二极管

肖特基势垒二极管

例: **RBLQ20BM10FH 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.				Absolute Maximum Ratings (T _c =25°C)				Electrical Characteristics (T _j =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 (mA) Max	V _R (V)			
		General	Automotive												
低I_R型															
1	RBLQ10RSM10	*	TF	TL	100	100	10	200	0.67	10	0.08	100	TO-277A (TO-277GE)		YES
2	RBLQ20BGE10	*	-	TL	100	100	20	150	0.86	20	0.08	100	(TO-252GE) (DPAK) [SC-63]		-
3	RBLQ20BM10	-	FH	TL	100	100	20	150	0.86	20	0.08	100	TO-252 (DPAK) [SC-63]		YES
4	New RBLQ20NL10S	*	FH	TL	100	100	20	200	0.86	20	0.08	100	TO-263L (LPDL) (D2PAK) [SC-83]		YES
5	New RBLQ30NL10S		FH	TL	100	100	30	200	0.86	30	0.15	100			YES
6	New RBLQ20NL10C		FH	TL	100	100	20	150	0.71	10	0.07	100			YES
功率肖特基势垒二极管(标准品)1															
低V_F型															
7	New RBR3RSM40B	*	TF	TL1	40	40	3	150	0.47	3	0.12	40	TO-277A (TO-277GE)		YES
8	New RBR5RSM40B		TF	TL1	40	40	5	100	0.53	5	0.12	40			YES
9	New RBR10RSM40B		TF	TL1	40	40	10	150	0.54	5	0.3	45			YES
10	RBR10BGE30A	*	-	TL	30	30	10	50	0.55	5	0.1	30	(TO-252GE) (DPAK) [SC-63]		-
11	RBR15BGE30A		-	TL	30	30	15	100	0.51	7.5	0.2	30			-
12	RBR20BGE30A		-	TL	30	30	20	100	0.51	10	0.3	30			-
13	RBR10BGE40A		-	TL	40	40	10	50	0.62	5	0.12	40			-
14	RBR15BGE40A		-	TL	40	40	15	100	0.55	7.5	0.24	40			-
15	RBR20BGE40A		-	TL	40	40	20	100	0.55	10	0.36	40			-
16	RBR10BGE60A		-	TL	60	60	10	50	0.65	5	0.2	60			-
17	RBR15BGE60A		-	TL	60	60	15	100	0.58	7.5	0.4	60			-
18	RBR20BGE60A		-	TL	60	60	20	100	0.59	10	0.6	60			-
19	RBR10BM30A	-	FH	TL	30	30	10	50	0.55	5	0.1	30	TO-252 (DPAK) [SC-63]		YES
20	RBR15BM30A		FH	TL	30	30	15	100	0.51	7.5	0.2	30			YES
21	RBR20BM30A		FH	TL	30	30	20	100	0.51	10	0.3	30			YES
22	RBR10BM40A		FH	TL	40	40	10	50	0.62	5	0.12	40			YES
23	RBR15BM40A		FH	TL	40	40	15	100	0.55	7.5	0.24	40			YES
24	RBR20BM40A		FH	TL	40	40	20	100	0.55	10	0.36	40			YES
25	RBR10BM60A		FH	TL	60	60	10	50	0.65	5	0.2	60			YES
26	RBR15BM60A		FH	TL	60	60	15	100	0.58	7.5	0.4	60			YES
27	RBR20BM60A		FH	TL	60	60	20	100	0.59	10	0.6	60			YES
28	RBR10NS30A	*	FH	TL	30	30	10	50	0.55	5	0.1	30	(TO-263S) (D2PAK)		YES
29	RBR20NS30A		FH	TL	30	30	20	100	0.55	10	0.2	30			YES
30	RBR30NS30A		FH	TL	30	30	30	100	0.55	15	0.3	30			YES
31	RBR40NS30A		FH	TL	30	30	40	100	0.52	20	0.6	30			YES
32	RBR10NS40A		FH	TL	40	40	10	50	0.62	5	0.12	40			YES
33	RBR20NS40A		FH	TL	40	40	20	100	0.62	10	0.24	40			YES
34	RBR30NS40A		FH	TL	40	40	30	100	0.62	15	0.36	40			YES
35	RBR40NS40A		FH	TL	40	40	40	100	0.55	20	0.43	40			YES
36	RBR10NS60A		FH	TL	60	60	10	50	0.65	5	0.2	60			YES
37	RBR20NS60A		FH	TL	60	60	20	100	0.64	10	0.4	60			YES
38	RBR30NS60A		FH	TL	60	60	30	100	0.67	15	0.6	60			YES
39	RBR40NS60A		FH	TL	60	60	40	100	0.6	20	0.8	60			YES
40	RBR10T30A	NZ	-	C9	30	30	10	50	0.55	5	0.1	30	(TO-220FN) <3pin>		-
41	RBR20T30A	NZ	-	C9	30	30	20	100	0.55	10	0.2	30			-
42	RBR30T30A	NZ	-	C9	30	30	30	100	0.55	15	0.3	30			-
43	RBR10T40A	NZ	-	C9	40	45	10	50	0.62	5	0.12	40			-
44	RBR20T40A	NZ	-	C9	40	45	20	100	0.62	10	0.24	40			-
45	RBR30T40A	NZ	-	C9	40	45	30	100	0.62	15	0.36	40			-
46	RBR10T60A	NZ	-	C9	60	60	10	50	0.65	5	0.2	60			-
47	RBR20T60A	NZ	-	C9	60	60	20	100	0.64	10	0.4	60			-
48	RBR30T60A	NZ	-	C9	60	60	30	100	0.67	15	0.6	60	-		

* 一般产品的性能代码为空白。
 *1 每个元件的平均输出电流为I_o (1个元件)、1/2I_o (2个元件)。
 *2 每个元件的规格。
 注: 封装采用JEDEC表示。()内表示ROHM封装, < >内表示GENERAL编号, []内表示JEITA编号。

肖特基势垒二极管

肖特基势垒二极管

例: **R B Q 1 0 B M 4 5 A F H T L**
型号 产品性能代码 封装代码

功率肖特基势垒二极管(标准品)2

Quick Reference No.	Product No.			Absolute Maximum Ratings (T _c =25°C)				Electrical Characteristics (T _f =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 (mA) Max				V _{RI} (V)
		General	Automotive												
低I_R型															
49	New RBQ3RSM65B	*	TF	TL1	65	65	3	100	0.57	3	0.09	65	TO-277A (TO-277GE)		YES
50	New RBQ5RSM65B		TF	TL1	65	65	5	100	0.66	5	0.09	65			YES
51	New RBQ10RSM65B		TF	TL1	65	65	10	150	0.67	10	0.15	65			YES
52	New RBQ3RSM10B		—	TL1	100	100	3	100	0.70	3	0.08	100			—
53	New RBQ5RSM10B		—	TL1	100	100	5	150	0.70	5	0.14	100			—
54	New RBQ10RSM10B		—	TL1	100	100	10	200	0.70	10	0.25	100			—
55	RBQ10BGE45A	*	—	TL	45	45	10	50	0.65	5	0.07	45	(TO-252GE) (DPAK) [SC-63]		—
56	RBQ15BGE45A		—	TL	45	45	15	100	0.59	7.5	0.14	45			—
57	RBQ20BGE45A		—	TL	45	45	20	100	0.59	10	0.2	45			—
58	RBQ10BGE65A		—	TL	65	65	10	50	0.69	5	0.07	65			—
59	RBQ15BGE65A		—	TL	65	65	15	100	0.63	7.5	0.14	65			—
60	RBQ20BGE65A		—	TL	65	65	20	100	0.63	10	0.2	65			—
61	RBQ10BGE10A		—	TL	100	100	10	100	0.77	5	0.08	100	—		
62	RBQ15BGE10A		—	TL	100	100	15	100	0.71	7.5	0.14	100	—		
63	RBQ10BM45A	—	FH	TL	45	45	10	50	0.65	5	0.07	45	TO-252 (DPAK) [SC-63]		YES
64	RBQ15BM45A		FH	TL	45	45	15	100	0.59	7.5	0.14	45			YES
65	RBQ20BM45A		FH	TL	45	45	20	100	0.59	10	0.2	45			YES
66	RBQ10BM65A		FH	TL	65	65	10	50	0.69	5	0.07	65			YES
67	RBQ15BM65A		FH	TL	65	65	15	100	0.63	7.5	0.14	65			YES
68	RBQ20BM65A		FH	TL	65	65	20	100	0.63	10	0.2	65			YES
69	RBQ10BM100A		FH	TL	100	100	10	100	0.77	5	0.08	100	YES		
70	RBQ15BM100A		FH	TL	100	100	15	100	0.71	7.5	0.14	100	YES		
71	RBQ20BM100A		FH	TL	100	100	20	100	0.69	10	0.2	100	YES		
72	RBQ10NS45A	*	FH	TL	45	45	10	100	0.65	5	0.07	45	(TO-263S) (D2PAK)		YES
73	RBQ20NS45A		FH	TL	45	45	20	100	0.65	10	0.14	45			YES
74	RBQ30NS45A		FH	TL	45	45	30	100	0.65	15	0.2	45			YES
75	RBQ10NS65A		FH	TL	65	65	10	100	0.69	5	0.07	65			YES
76	RBQ20NS65A		FH	TL	65	65	20	100	0.69	10	0.14	65			YES
77	RBQ30NS65A		FH	TL	65	65	30	100	0.69	15	0.2	65			YES
78	RBQ10NS100A		FH	TL	100	100	10	100	0.77	5	0.08	100	YES		
79	RBQ20NS100A		FH	TL	100	100	20	100	0.77	10	0.14	100	YES		
80	RBQ30NS100A		FH	TL	100	100	30	100	0.77	15	0.2	100	YES		
81	RBQ30NS45B		FH	TL	45	45	30	100	0.59	30	0.7	45		YES	
82	☆RBQ10NL45B		FHH	TL	45	45	10	150	0.62	10	0.1	45	TO-263L (LPDL) (D2PAK) [SC-83]		YES
83	☆RBQ16NL45B		FHH	TL	45	45	16	150	0.61	16	0.1	45			YES
84	RBQ10T45A	NZ	—	C9	45	45	10	100	0.65	5	0.07	45	(TO-220FN) <3pin>		—
85	RBQ20T45A	NZ	—	C9	45	45	20	100	0.65	10	0.14	45			—
86	RBQ30T45A	NZ	—	C9	45	45	30	100	0.65	15	0.2	45			—
87	RBQ10T65A	NZ	—	C9	65	65	10	100	0.69	5	0.07	65			—
88	RBQ20T65A	NZ	—	C9	65	65	20	100	0.69	10	0.14	65			—
89	RBQ30T65A	NZ	—	C9	65	65	30	100	0.69	15	0.2	65			—
90	RBQ30TB45B	NZ	—	C9	45	45	30	100	0.59	30	0.7	45	(TO-220FN) <2pin>		—
超低I_R型															
91	New RB058RSM10S	*	TF	TL1	100	100	3	120	0.81	3	0.0013	100	TO-277A (TO-277GE)		YES
92	New RB078RSM10S		TF	TL1	100	100	5	120	0.84	5	0.0013	100			YES
93	New RB048RSM10S		TF	TL1	100	100	8	160	0.84	8	0.0034	100			YES
94	New RB088RSM10S		TF	TL1	100	100	10	220	0.84	10	0.0037	100			YES
95	New RB058RSM15S		TF	TL1	150	150	3	120	0.83	3	0.0021	150			YES
96	New RB078RSM15S		TF	TL1	150	150	5	120	0.87	5	0.0021	150			YES
97	New RB048RSM15S		TF	TL1	150	150	8	160	0.88	8	0.0037	150			YES
98	New RB088RSM15S		TF	TL1	150	150	10	220	0.88	10	0.0045	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I_o (1个元件、1/2I_o(2个元件))。

*2 每个元件的规格。

注：封装采用JEDEC表示。()内表示ROHM封装，< >内表示GENERAL编号，[]内表示JEITA编号。

☆：开发中

肖特基势垒二极管

例: **R B 0 7 8 B M 3 0 S 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)3

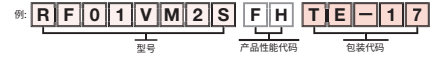
Quick Reference No.	Product No.				Absolute Maximum Ratings (T _c =25°C)				Electrical Characteristics (T _j =25°C)				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V _{RM} (V)	V _R (V)	I _o *1 (A)	I _{FSM} (A)*2 60Hz, 1 ϕ	V _F (V) Max	I _F (A)	I _R (mA) Max	V _R (V)			
		General	Automotive												
超低I_R型															
99	RB078BGE30S	-	TL		35	30	5	50	0.72	5	0.005	30	(TO-252GE) (DPAK) [SC-63]		-
100	New RSX058BM2S	FH	TL		200	200	3	50	0.87	3	0.0002	200	TO-252 (DPAK) [SC-63]		YES
101	New RSX078BM2S	FH	TL		200	200	5	50	0.92	5	0.0002	200			YES
102	RB098BGE-30	-	TL	*	35	30	6	50	0.72	3	0.0015	30	(TO-252GE) (DPAK) [SC-63]		-
103	RB088BGE-30	-	TL		35	30	10	50	0.72	5	0.003	30			-
104	RB098BGE-40	-	TL		45	40	6	50	0.77	3	0.0015	40			-
105	RB088BGE-40	-	TL		45	40	10	50	0.77	5	0.003	40			-
106	RB098BGE-60	-	TL		60	60	6	50	0.83	3	0.0015	60			-
107	RB088BGE-60	-	TL		60	60	10	50	0.83	5	0.003	60			-
108	RB098BGE100	-	TL		110	100	6	100	0.77	3	0.003	100			-
109	RB088BGE100	-	TL		100	100	10	50	0.87	5	0.005	100			-
110	RB098BGE150	-	TL		150	150	6	100	0.83	3	0.007	150			-
111	RB088BGE150	-	TL		150	150	10	50	0.88	5	0.015	150			-
112	New RSX058BGE2S	-	TL		200	200	3	50	0.87	3	0.0002	200			-
113	New RSX078BGE2S	-	TL		200	200	5	50	0.92	5	0.0002	200			-
114	RB078BM30S	FH	TL		35	30	5	50	0.72	5	0.005	30			TO-252 (DPAK) [SC-63]
115	RB098BM-30	FH	TL		35	30	6	50	0.72	3	0.0015	30	YES		
116	RB088BM-30	FH	TL		35	30	10	50	0.72	5	0.003	30	YES		
117	RB098BM-40	FH	TL		45	40	6	50	0.77	3	0.0015	40	YES		
118	RB088BM-40	FH	TL		45	40	10	50	0.77	5	0.003	40	YES		
119	RB098BM-60	FH	TL		60	60	6	50	0.83	3	0.0015	60	YES		
120	RB088BM-60	FH	TL		60	60	10	50	0.83	5	0.003	60	YES		
121	RB098BM100	FH	TL		110	100	6	100	0.77	3	0.003	100	YES		
122	RB088BM100	FH	TL		100	100	10	100	0.87	5	0.005	100	YES		
123	RB098BM150	FH	TL		150	150	6	100	0.83	3	0.007	150	YES		
124	RB088BM150	FH	TL		150	150	10	100	0.88	5	0.015	150	YES		
125	RB088BM200	FH	TL		200	200	10	100	0.88	5	0.007	200	YES		
126	RB218BM200	FH	TL		200	200	20	100	0.88	10	0.01	200	YES		
127	RB088NS-30	FH	TL	*	35	30	10	50	0.72	5	0.003	30	(TO-263S) (DPAK)		YES
128	RB218NS-30	FH	TL		35	30	20	100	0.72	10	0.005	30			YES
129	RB228NS-30	FH	TL		35	30	30	100	0.72	15	0.01	30			YES
130	RB238NS-30	FH	TL		35	30	40	100	0.75	20	0.012	30			YES
131	RB088NS-40	FH	TL		45	40	10	50	0.77	5	0.003	40			YES
132	RB218NS-40	FH	TL		45	40	20	100	0.77	10	0.005	40			YES
133	RB228NS-40	FH	TL		45	40	30	100	0.77	15	0.01	40			YES
134	RB238NS-40	FH	TL		45	40	40	100	0.8	20	0.012	40			YES
135	RB088NS-60	FH	TL		60	60	10	50	0.83	5	0.003	60			YES
136	RB218NS-60	FH	TL		60	60	20	100	0.83	10	0.005	60			YES
137	RB228NS-60	FH	TL		60	60	30	100	0.83	15	0.01	60			YES
138	RB238NS-60	FH	TL		60	60	40	100	0.86	20	0.012	60			YES
139	RB088NS100	FH	TL		110	100	10	100	0.87	5	0.005	100			YES
140	RB218NS100	FH	TL		110	100	20	100	0.87	10	0.007	100			YES
141	RB228NS100	FH	TL		110	100	30	100	0.87	15	0.005	100			YES
142	RB298NS100	FH	TL		110	100	30	100	0.87	15	0.01	100			YES
143	RB238NS100	FH	TL		110	100	40	100	0.86	20	0.02	100			YES
144	RB088NS150	FH	TL		150	150	10	50	0.88	5	0.015	150			YES
145	RB218NS150	FH	TL		150	150	20	100	0.88	10	0.02	150	YES		
146	RB228NS150	FH	TL		150	150	30	100	0.88	15	0.025	150	YES		
147	RB238NS150	FH	TL		150	150	40	100	0.87	20	0.03	150	YES		
148	RB088NS200	FH	TL		200	200	10	100	0.88	5	0.007	200	YES		
149	RB218NS200	FH	TL		200	200	20	100	0.88	10	0.01	200	YES		
150	RB088T-30	NZ	-	C9	35	30	10	50	0.72	5	0.003	30	(TO-220FN) <3pin>		-
151	RB218T-30	NZ	-	C9	35	30	20	100	0.72	10	0.005	30			-
152	RB228T-30	NZ	-	C9	35	30	30	100	0.72	15	0.01	30			-
153	RB238T-30	NZ	-	C9	35	30	40	100	0.75	20	0.012	30			-
154	RB088T-40	NZ	-	C9	45	40	10	50	0.77	5	0.003	40			-
155	RB218T-40	NZ	-	C9	45	40	20	100	0.77	10	0.005	40			-
156	RB228T-40	NZ	-	C9	45	40	30	100	0.77	15	0.01	40			-
157	RB238T-40	NZ	-	C9	45	40	40	100	0.8	20	0.012	40			-
158	RB088T-60	NZ	-	C9	60	60	10	50	0.83	5	0.003	60			-
159	RB218T-60	NZ	-	C9	60	60	20	100	0.83	10	0.005	60			-
160	RB228T-60	NZ	-	C9	60	60	30	100	0.83	15	0.01	60			-
161	RB238T-60	NZ	-	C9	60	60	40	100	0.86	20	0.012	60			-
162	RB088T100	NZ	-	C9	110	100	10	100	0.87	5	0.005	100			-
163	RB218T100	NZ	-	C9	110	100	20	100	0.87	10	0.007	100			-
164	RB228T100	NZ	-	C9	110	100	30	100	0.87	15	0.005	100			-
165	RB298T100	NZ	-	C9	110	100	30	100	0.87	15	0.01	100			-
166	RB238T100	NZ	-	C9	110	100	40	100	0.86	20	0.02	100			-
167	RB088T150	NZ	-	C9	150	150	10	50	0.88	5	0.015	150			-
168	RB218T150	NZ	-	C9	150	150	20	100	0.88	10	0.02	150			-
169	RB228T150	NZ	-	C9	150	150	30	100	0.88	15	0.025	150			-
170	RB238T150	NZ	-	C9	150	150	40	100	0.87	20	0.03	150			-

* 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I_o (1个元件)、1/2I_o(2个元件)。
 *2 每个元件的规格。
 注: 封装采用JEDEC表示。()内表示ROHM封装, < >内表示GENERAL编号, []内表示JEITA编号。

快速恢复二极管

●小信号/中功率快速恢复二极管一览表

肖特基势垒二极管



V _R (V)	I _o (A)	Surface Mount type																			
		1608 Size	2512 Size	2514 Size		2513 size	3516 Size	4725 Size	5026 size	2928 Size											
		SOD-523 (EMD2) [SC-79]	SOD-323FL (UMD2) [SC-90A]	SOD-323HE (TUMD2M) [SC-108B]	SOD-323HE (TUMD2SM)	(PMDE)	(PMDU) (SOD-123FL) [SC-109B]	(PMDTM) (SOD-128)	DO-214AC (PMDS) (SMA)	SOT-457T (TSM6)											
100	0.5			RF05VAM1S RF05VYM1S	3 4																
	0.4																			RF04UA2D	36
	0.5			RF05VAM2S RF05VYM2S	5 6					RFC02MM2S	11										
	0.7									RF071MM2S	12										
	0.8									RF081MM2S	13										
	1								<i>New</i> RFN1VWM2S	9			RF101LAM2S	14	RF101L2S	26					
	1.1												RF081LAM2S	15	RF081L2S	27					
	2									<i>New</i> RFN2VWM2S	10			RF201LAM2S RF202LAM2S	16 17	RF201L2S	28				
3												RF302LAM2S	18								
250	0.1		RF01VM2S	2																	
	1												RF071LAM4S RF101LAM4S	19 20	RF071L4S RF101L4S	29 30					
400	1.5												RF201LAM4S RFN2LAM4S	21 22	RF201L4S RFN2L4S	31 32					
	0.1	RFU01SM4S	1																		
600	0.2							RFU02VSM6S	7												
	0.8												RFN1LAM6S	23	RFN1L6S	33					
	1.5												RFN2LAM6S	24	RFN2L6S	34					
700	0.8											RFN1LAM7S	25	RFN1L7S	35						
800	0.2							RFU02VSM8S	8												

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

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 Tl=25° C)				Electrical Characteristics (T _j =25° C)*1							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)						
		General	Automotive										I _F (A)	I _R (A)	I _R (A)				
1	RFU01SM4S	*	—	T2R	450	450	0.1	1	1.8	0.1	10	450	35	0.1	0.1	SOD-523 (EMD2) [SC-79]		—	
2	RF01VM2S	*	FH	TE-17	250	250	0.1	1	1.2	0.1	10	250	50	*2			SOD-323FL (UMD2) [SC-90A]		YES
3	RF05VAM1S	—	—	TR	100	100	0.5	6	0.98	0.5	10	100	25	0.5	1	SOD-323HE (TUMD2M) [SC-108B]		—	
4	RF05VYM1S	—	FH	TR	100	100	0.5	6	0.98	0.5	10	100	25	0.5	1			YES	
5	RF05VAM2S	*	—	TR	200	200	0.5	6	0.98	0.5	10	200	25	0.5	1	SOD-323HE (TUMD2SM)		—	
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	(PMDU) (SOD-123FL) [SC-109B]		—	
8	RFU02VSM8S	—	—	TR	800	800	0.2	1	3	0.2	10	800	35	0.1	0.1			—	
9	<i>New</i> RFN1VWM2S	—	—	TF	200	200	2	20	0.93	1	1	200	25	0.5	1	(PMDE)		YES	
10	<i>New</i> RFN2VWM2S	—	—	TF	200	200	2	20	0.99	2	1	200	25	0.5	1			YES	
11	RFC02MM2S	—	—	TF	200	200	0.5	10	0.95	0.5	1	200	35	0.1	0.2	(PMDTM) (SOD-128)		YES	
12	RF071MM2S	—	—	TF	200	200	0.7	15	0.85	0.7	10	200	25	0.5	1			YES	
13	RF081MM2S	—	—	TF	200	200	0.8	20	0.95	0.8	10	200	25	0.5	1	(PMDTM) (SOD-128)		YES	
14	RF101LAM2S	—	—	TF	200	200	1	20	0.87	1	10	200	25	0.5	1			YES	
15	RF081LAM2S	—	—	TF	200	200	1.1	25	0.98	1	10	200	25	0.5	1	(PMDTM) (SOD-128)		YES	
16	RF201LAM2S	*	—	TF	200	200	2	20	0.87	2	10	200	25	0.5	1			YES	
17	RF202LAM2S	—	—	TF	200	200	2	20	0.93	2	10	200	25	0.5	1	(PMDTM) (SOD-128)		YES	
18	RF302LAM2S	—	—	TF	200	200	3	20	0.92	3	10	200	25	0.5	1			YES	
19	RF071LAM4S	—	—	TF	400	400	1	15	1.25	0.7	10	400	25	0.5	1	(PMDTM) (SOD-128)		YES	
20	RF101LAM4S	—	—	TF	400	400	1	25	1.25	1	10	400	25	0.5	1			YES	
21	RF201LAM4S	—	—	TF	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1	(PMDTM) (SOD-128)		YES	
22	RFN2LAM4S	—	—	TF	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1			YES	
23	RFN1LAM6S	—	—	TF	600	600	0.8	15	1.45	0.8	1	600	35	0.5	1	(PMDTM) (SOD-128)		YES	
24	RFN2LAM6S	—	—	TF	600	600	1.5	40	1.55	1.5	1	600	35	0.5	1			YES	
25	RFN1LAM7S	—	—	TF	700	700	0.8	15	1.5	0.8	1	700	80	0.5	1	(PMDTM) (SOD-128)		YES	
26	RF101L2S	—	—	DD	200	200	1	20	0.87	1	10	200	25	0.5	1		(DO-214AC) (PMDS) (SMA)		YES
27	RF081L2S	—	—	TF	200	200	1.1	25	0.98	1	10	200	25	0.5	1			YES	
28	RF201L2S	—	—	DD	200	200	2	20	0.87	2	10	200	25	0.5	1	(DO-214AC) (PMDS) (SMA)		YES	
29	RF071L4S	—	—	TF	400	400	1	15	1.25	0.7	10	400	25	0.5	1			YES	
30	RF101L4S	—	—	TF	400	400	1	25	1.25	1	10	400	25	0.5	1	(DO-214AC) (PMDS) (SMA)		YES	
31	RF201L4S	—	—	DD	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1			YES	
32	RFN2L4S	—	—	DD	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1	(DO-214AC) (PMDS) (SMA)		YES	
33	RFN1L6S	—	—	DD	600	600	0.8	15	1.45	0.8	1	600	35	0.5	1			YES	
34	RFN2L6S	—	—	DD	600	600	1.5	40	1.55	1.5	1	600	35	0.5	1	(DO-214AC) (PMDS) (SMA)		YES	
35	RFN1L7S	—	—	DD	700	700	0.8	15	1.5	0.8	1	700	80	0.5	1			YES	
36	RF04UA2D	*	FH	TR	200	200	0.4	1	0.98	0.2	10	200	25	0.5	1	SOT-457T (TSM6)		YES	

* 一般产品的产品性能代码为空白。

*1 每个元件的规格。 *2 V_F=6V, I_F=10mA, I_{RR}=0.1xI_F

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

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			Through Hole type															
200	3	RF301BGE2S RFN3BGE2S	23 RF301BM2S 24 RFN3BM2S	38 39																
	5	RF501BGE2S RFN5BGE2S	25 RF501BM2S 26 RFN5BM2S	40 41																
	6	RF601BGE2D RFN6BGE2D	1 RF601BM2D 2 RFN6BM2D	3 4			RF601T2D RFN6T2D	10 11												
	10				RF1001NS2D	5	RF1001T2D RFN10T2D	12 13												
	16				RF1601NS2D	6	RF1601T2D RFN16T2D	14 15												
	20				RF2001NS2D	7	RF2001T2D RFN20T2D	16 17												
300	20				RF2001NS3D	8	RF2001T3D	18	RF1501TF3S	71										
350	5	RFN5BGE3S	27 RFN5BM3S	42																
	10	RFN10BGE3S	36 RFN10BM3S	51	RFN10NS3S	53														
	20				RFN20NS3S RFUH25NS3S RFUH20NS3S	54 55 56	RFUH25TB3S RFUH20TB3S	65 66												
430	10				RFN10NS4S RFUH10NS4S	57 58	RFN10TB4S RFUH10TB4S	67 68												
	20				RFN20NS4S RFUH20NS4S	59 60	RFN20TB4S RFUH20TB4S	69 70												
600	3	RFN3BGE6S RF305BGE6S	28 RFN3BM6S 29 RF305BM6S	43 44																
	5	RFN5BGE6S RF505BGE6S RFV5BGE6S	30 RFN5BM6S 31 RF505BM6S 32 RFV5BM6S 33	45 46 47 48			RFN5TF6S RF505TF6S RFUH5TF6S	72 73 74		RFN5TJ6S	86									
	8	RFV8BGE6S	34 RFV8BM6S	49						RFV8TG6S RFV8TJ6S	81 82	RFV8TJ6S RFV8TJ6S	87 88							
	10	RFN10BGE6S RFN10BGE6S	35 RFN10BM6S 37 RFN10BM6S	50 52	RFN10NS6S RFUH10NS6S	61 62			RFN10TF6S RF1005TF6S RFUH10TF6S	75 76 77		RFN10TJ6S	89							
	12									RFV12TG6S	83	RFV12TJ6S	90							
	15									RFV15TG6S	84	RFN15TJ6S RFV15TJ6S	91 92							
	20				RFN20NS6S RFUH20NS6S	63 64			RFN20TF6S RFUH20TF6S	78 79		RFN20TJ6S RFN20TJ6S RFUH20TJ6S	93 94 95							
	30									RFV30TG6S	85									
650	30																			
	60																			
800	5								RFN5TF8S	80										
	10				RFN10NS8D	9														

注：封装采用JEDEC表示。()内表示ROHM封装，< >内表示GENERAL编号，[]内表示JEITA编号。

☆：开发中

二极管

快速恢复二极管

肖特基势垒二极管

例: **R F 6 0 1 B M 2 D F H T L**
 型号 产品性能代码 封装代码

功率快速恢复二极管 1																				
Quick Reference No.	Product No.				Absolute Maximum Ratings (T _c =25°C)				Electrical Characteristics (T _j =25°C)*2						Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101			
	Part No.	Grade Code General	Automotive	Taping Code	V _{RM} (V)	V _R (V)	I _o *1 (A)	I _{FSM} (A)*2	V _F (V) Max	I _F (A)	I _R (μA) Max	V _R (V)	t _{rr} (ns) Max	I _F (A)				I _R (A)		
1	RF601BGE2D	*	-	TL	200	200	6	60	0.93	3	10	200	25	0.5	1	(TO-252GE) (DPAK) [SC-63]		-		
2	RFN6BGE2D			TL	200	200	6	40	0.98	3	10	200	25	0.5	1			-		
3	RF601BM2D	-	FH	TL	200	200	6	60	0.93	3	10	200	25	0.5	1	TO-252 (DPAK) [SC-63]		YES		
4	RFN6BM2D		FH	TL	200	200	6	40	0.98	3	10	200	25	0.5	1			YES		
5	RF1001NS2D	*	FH	TL	200	200	10	80	0.93	5	10	200	25	0.5	1	(TO-263S) (D2PAK)		YES		
6	RF1601NS2D		FH	TL	200	200	16	100	0.93	8	10	200	30	0.5	1			YES		
7	RF2001NS2D		FH	TL	200	200	20	100	0.93	10	10	200	30	0.5	1			YES		
8	RF2001NS3D		FH	TL	350	300	20	100	1.3	10	10	300	25	0.5	1			YES		
9	RFN10NS8D		FH	TL	800	800	10	60	2.1	5	10	800	40	0.5	1			YES		
10	RF601T2D	NZ	-	C9	200	200	6	60	0.93	3	10	200	25	0.5	1	(TO-220FN) <3pin>		-		
11	RFN6T2D	NZ	-	C9	200	200	6	40	0.98	3	10	200	25	0.5	1			-		
12	RF1001T2D	NZ	-	C9	200	200	10	80	0.93	5	10	200	30	0.5	1			-		
13	RFN10T2D	NZ	-	C9	200	200	10	80	0.98	5	10	200	25	0.5	1			-		
14	RF1601T2D	NZ	-	C9	200	200	16	100	0.93	8	10	200	30	0.5	1			-		
15	RFN16T2D	NZ	-	C9	200	200	16	100	0.98	8	10	200	30	0.5	1			-		
16	RF2001T2D	NZ	-	C9	200	200	20	100	0.93	10	10	200	30	0.5	1			-		
17	RFN20T2D	NZ	-	C9	200	200	20	100	0.98	10	10	200	30	0.5	1			-		
18	RF2001T3D	NZ	-	C9	350	300	20	100	1.3	10	10	300	25	0.5	1			-		
19	☆RFL30TS6D	G	-	C13	650	650	30	100	1.5	15	5	650	45	0.5	1	TO-247-3L (TO-247GE-3L)		-		
20	☆RFS30TS6D	G	-	C13	650	650	30	80	2.3	15	5	650	30	0.5	1			-		
21	☆RFL60TS6D	G	-	C13	650	650	60	180	1.5	30	5	650	55	0.5	1			-		
22	☆RFS60TS6D	G	-	C13	650	650	60	150	2.3	30	5	650	35	0.5	1			-		
23	RF301BGE2S	*	-	TL	200	200	3	40	0.93	3	10	200	25	0.5	1			-		
24	RFN3BGE2S			TL	200	200	3	40	0.98	3	10	200	25	0.5	1	-				
25	RF501BGE2S			TL	200	200	5	40	0.92	5	1	200	25	0.5	1	-				
26	RFN5BGE2S			TL	200	200	5	40	0.98	5	10	200	25	0.5	1	-				
27	RFN5BGE3S			TL	350	350	5	50	1.5	5	10	350	30	0.5	1	-				
28	RFN3BGE6S			TL	600	600	3	20	1.55	3	10	600	30	0.5	1	-				
29	RF305BGE6S			TL	600	600	3	50	1.7	3	10	600	30	0.5	1	-				
30	RFN15BGE6S			TL	600	600	5	50	1.3	5	10	600	60	0.5	1	-				
31	RFN5BGE6S			TL	600	600	5	30	1.55	5	10	600	50	0.5	1	-				
32	RF505BGE6S			TL	600	600	5	50	1.7	5	10	600	30	0.5	1	-				
33	RFV5BGE6S			TL	600	600	5	60	2.8	5	10	600	20	0.5	1	-				
34	RFV8BGE6S			TL	600	600	8	100	2.8	8	10	600	25	0.5	1	-				
35	RFN10BGE6S			TL	600	600	10	100	1.25	8	10	600	65	0.5	1	-				
36	RFN10BGE3S	*	-	TL	350	350	10	80	1.5	10	10	350	30	0.5	1		-			
37	RFN10BGE6S			TL	600	600	10	100	1.55	10	10	600	50	0.5	1		-			
38	RF301BM2S	-	FH	TL	200	200	3	40	0.93	3	10	200	25	0.5	1	TO-252 (DPAK) [SC-63]		YES		
39	RFN3BM2S		FH	TL	200	200	3	40	0.98	3	10	200	25	0.5	1			YES		
40	RF501BM2S		FH	TL	200	200	5	40	0.92	5	1	200	25	0.5	1			YES		
41	RFN5BM2S		FH	TL	200	200	5	40	0.98	5	10	200	25	0.5	1			YES		
42	RFN5BM3S		FH	TL	350	350	5	50	1.5	5	10	350	30	0.5	1			YES		
43	RFN3BM6S		FH	TL	600	600	3	20	1.55	3	10	600	30	0.5	1			YES		
44	RF305BM6S		FH	TL	600	600	3	50	1.7	3	10	600	30	0.5	1			YES		
45	RFN15BM6S		FH	TL	600	600	5	50	1.3	5	10	600	60	0.5	1			YES		
46	RFN5BM6S		FH	TL	600	600	5	30	1.55	5	10	600	50	0.5	1			YES		
47	RF505BM6S		FH	TL	600	600	5	50	1.7	5	10	600	30	0.5	1			YES		
48	RFV5BM6S		FH	TL	600	600	5	60	2.8	5	10	600	20	0.5	1			YES		
49	RFV8BM6S		FH	TL	600	600	8	100	2.8	8	10	600	25	0.5	1			YES		
50	RFN10BM6S		FH	TL	600	600	10	100	1.25	8	10	600	65	0.5	1			YES		
51	RFN10BM3S	-	FH	TL	350	350	10	80	1.5	10	10	350	30	0.5	1			(TO-263S) (D2PAK)		YES
52	RFN10BM6S		FH	TL	600	600	10	100	1.55	10	10	600	50	0.5	1					YES
53	RFN10NS3S	*	FH	TL	350	350	10	100	1.5	10	10	350	30	0.5	1	YES				
54	RFN20NS3S		FH	TL	350	350	20	100	1.35	20	10	350	35	0.5	1	YES				
55	RFUH25NS3S		FH	TL	350	350	20	100	1.45	20	10	350	30	0.5	1	YES				
56	RFUH20NS3S		FH	TL	350	350	20	100	1.5	20	10	350	25	0.5	1	YES				
57	RFN10NS4S		FH	TL	430	430	10	80	1.55	10	10	430	30	0.5	1	YES				
58	RFUH10NS4S		FH	TL	430	430	10	80	1.7	10	10	430	25	0.5	1	YES				
59	RFN20NS4S		FH	TL	430	430	20	100	1.55	20	10	430	30	0.5	1	YES				
60	RFUH20NS4S		FH	TL	430	430	20	100	1.7	20	10	430	25	0.5	1	YES				
61	RFN10NS6S		FH	TL	600	600	10	100	1.55	10	10	600	50	0.5	1	YES				
62	RFUH10NS6S		FH	TL	600	600	10	60	2.8	10	10	600	25	0.5	1	YES				
63	RFN20NS6S		FH	TL	600	600	20	100	1.55	20	10	600	60	0.5	1	YES				
64	RFUH20NS6S		FH	TL	600	600	20	100	2.8	20	10	600	35	0.5	1	YES				

* 一般产品的性能代码为空白。
 *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)。 *2 每个元件的规格。
 注：封装采用JEDEC表示。()内表示ROHM封装。()内表示GENERAL编号，[]内表示JEITA编号。

☆: 开发中

肖特基势垒二极管

例: **R F U H 2 5 T B 3 S N Z C 9**

型号

产品性能代码

封装代码

功率快速恢复二极管 2

Quick Reference No.	Product No.				Absolute Maximum Ratings (T _c =25°C)				Electrical Characteristics (T _j =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, 1ms	V _F (V) Max	I _R (μA)		trr (ns)		I _F (A)	I _R (A)				
		General	Automotive							I _R (μA) Max	V _R (V)	I _F (A)	I _R (A)						
65	RFUH25TB3S	NZ	—	C9	350	350	20	100	1.45	20	10	350	30	0.5	1	(TO-220FN) <2pin>		—	
66	RFUH20TB3S	NZ	—	C9	350	350	20	100	1.5	20	10	350	25	0.5	1			—	
67	RFN10TB4S	NZ	—	C9	430	430	10	80	1.7	10	10	430	25	0.5	1			—	
68	RFUH10TB4S	NZ	—	C9	430	430	10	80	1.55	10	10	430	30	0.5	1			—	
69	RFN20TB4S	NZ	—	C9	430	430	20	100	1.55	20	10	430	30	0.5	1			—	
70	RFUH20TB4S	NZ	—	C9	430	430	20	100	1.7	20	10	430	25	0.5	1			—	
71	RF1501TF3S	*	FH	C9	350	300	20	100	1.5	20	10	300	30	0.5	1			(TO-220NFM)	YES
72	RFN5TF6S		FH	C9	600	600	5	30	1.55	5	10	600	50	0.5	1	YES			
73	RF505TF6S		FH	C9	600	600	5	80	1.7	5	10	600	30	0.5	1	YES			
74	RFUH5TF6S		FH	C9	600	600	5	30	2.8	5	10	600	25	0.5	1	YES			
75	RFN10TF6S		FH	C9	600	600	10	100	1.55	10	10	600	50	0.5	1	YES			
76	RF1005TF6S		FH	C9	600	600	10	100	1.7	10	10	600	40	0.5	1	YES			
77	RFUH10TF6S		FH	C9	600	600	10	60	2.8	10	10	600	25	0.5	1	YES			
78	RFN20TF6S		FH	C9	600	600	20	100	1.55	20	10	600	60	0.5	1	YES			
79	RFUH20TF6S		FH	C9	600	600	20	100	2.8	20	10	600	35	0.5	1	YES			
80	RFN5TF8S		FH	C9	800	800	5	60	2.1	5	10	800	40	0.5	1	YES			
81	RFV8TG6S		G	—	C9	600	600	8	60	3	8	10	600	20	0.5	1	(TO-220AC)		—
82	RFV8TG6S		G	—	C9	600	600	8	100	2.8	8	10	600	25	0.5	1			—
83	RFV12TG6S	G	—	C9	600	600	12	120	2.8	12	10	600	25	0.5	1	—			
84	RFV15TG6S	G	—	C9	600	600	15	150	2.8	15	10	600	30	0.5	1	—			
85	RFV30TG6S	G	—	C9	600	600	30	200	2.8	30	10	600	40	0.5	1	—			
86	RFNL5TJ6S	G	FHG	C9	600	600	5	50	1.3	5	10	600	60	0.5	1	(TO-220ACFP)	YES		
87	RFV8TJ6S	G	—	C9	600	600	8	60	3	8	10	600	20	0.5	1		—		
88	RFV8TJ6S	G	—	C9	600	600	8	100	2.8	8	10	600	25	0.5	1		—		
89	RFNL10TJ6S	G	FHG	C9	600	600	10	120	1.25	8	10	600	65	0.5	1		YES		
								1.3	10										
90	RFV12TJ6S	G	—	C9	600	600	12	120	2.8	12	10	600	25	0.5	1		—		
91	RFNL15TJ6S	G	FHG	C9	600	600	15	160	1.3	15	10	600	65	0.5	1		YES		
92	RFV15TJ6S	G	—	C9	600	600	15	150	2.8	15	10	600	30	0.5	1		—		
93	RFNL20TJ6S	G	FHG	C9	600	600	20	200	1.3	20	10	600	70	0.5	1		YES		
94	RFN20TJ6S	G	FHG	C9	600	600	20	150	1.55	20	10	600	60	0.5	1		YES		
95	RFUH20TJ6S	G	FHG	C9	600	600	20	120	2.8	20	10	600	35	0.5	1	YES			
96	New RFL30TZ6S	G	—	C13	650	650	30	200	1.5	30	5	650	55	0.5	1	TO-247-2L (TO-247GE-2L)	—		
97	New RFS30TZ6S	G	—	C13	650	650	30	160	2.3	30	5	650	35	0.5	1		—		
98	New RFL60TZ6S	G	—	C13	650	650	60	320	1.5	60	10	650	75	0.5	1		—		
99	New RFS60TZ6S	G	—	C13	650	650	60	250	2.3	60	10	650	55	0.5	1		—		

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

整流二极管

●整流二极管一览表

整流二极管

例: R R E 0 7 V T M 4 S F H T R
型号 产品性能代码 包装代码

	V _R (V)	I _O (A)	Surface Mount type		Through Hole type
			2514 size SOD-323HE (TUMD2SM)	TO-252 (DPAK) [SC-63]	(TO-220ACFP)
General Purpose Rectifier Diodes	400	0.2	RRE02VSM4S RRE02VTM4S	1 2	
		0.7	RRE07VSM4S RRE07VTM4S	3 4	
	600	0.2	RRE02VSM6S RRE02VTM6S	5 6	
		0.7	RRE07VSM6S RRE07VTM6S	7 8	
Power Rectifier Diodes	400	6		RR601BM4S	9
	1,000	20			RRD20TJ10S

注：封装采用JEDEC表示。()内表示ROHM封装。(< >)内表示GENERAL编号，[]内表示JEITA编号。

一般整流二极管																		
Quick Reference No.	Product No.				Absolute Maximum Ratings (T _C =25° C or T _I =25° C)				Electrical Characteristics (T _J =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)	t _{rr} (ns) Max	I _F (mA)				I _R (mA)
1	RRE02VSM4S	*	—	TR	400	400	0.2	1	1.1	0.2	1	400	—	—	—	SOD-323HE (TUMD2SM)		—
2	RRE02VTM4S	—	FH	TR	400	400	0.2	1	1.1	0.2	1	400	—	—	—			YES
3	RRE07VSM4S	*	—	TR	400	400	0.7	2	1.1	0.7	1	400	—	—	—			—
4	RRE07VTM4S	—	FH	TR	400	400	0.7	2	1.1	0.7	1	400	—	—	—			YES
5	RRE02VSM6S	*	—	TR	600	600	0.2	1	1.1	0.2	1	600	—	—	—			—
6	RRE02VTM6S	—	FH	TR	600	600	0.2	1	1.1	0.2	1	600	—	—	—			YES
7	RRE07VSM6S	*	—	TR	600	600	0.7	2	1.1	0.7	1	600	—	—	—			—
8	RRE07VTM6S	—	FH	TR	600	600	0.7	2	1.1	0.7	1	600	—	—	—			YES
功率整流二极管																		
Quick Reference No.	Product No.				Absolute Maximum Ratings (T _C =25° C or T _I =25° C)				Electrical Characteristics (T _J =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)	t _{rr} (ns) Max	I _F (mA)				I _R (mA)
9	RR601BM4S	—	FH	TL	400	400	6	40	1.1	6	10	400	—	—	—	TO-252 (DPAK) [SC-63]		YES
10	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。

注：封装采用JEDEC表示。()内表示ROHM封装。(< >)内表示GENERAL编号，[]内表示JEITA编号。

齐纳二极管



齐纳二极管 1																
Package	Surface Mount type															
	0603 size DSN0603-2 (SMD0603)				1006 size SOD-923 (VMN2M)				1608 size SOD-523 (EMD2) [SC-79]				2512 size SOD-323FL (UMD2) [SC-90A]			
Equivalent Circuit Diagram																
Series Name	RASMID™ ADZ series				CDZV series				EDZV series				UFZV series			
Automotive Grade Code	-				-				FH				FH			
Power (mW)	100				100				150				500			
Taping Code	T15R				T2R				T2R				TE-17			
Electrical Characteristics (T _s =25° C)	V _Z (V)		I _Z (mA)	Automotive Grade AEC-Q101	V _Z (V)		I _Z (mA)	Automotive Grade AEC-Q101	V _Z (V)		I _Z (mA)	Automotive Grade AEC-Q101	V _Z (V)		I _Z (mA)	Automotive Grade AEC-Q101
Voltage	-	-	-	-	2.0B	2.02 to 2.20	5	-	2.0B	2.02 to 2.20	5	-	-	-	-	-
	-	-	-	-	2.2B	2.22 to 2.41	5	-	2.2B	2.22 to 2.41	5	-	-	-	-	-
	-	-	-	-	2.4B	2.43 to 2.63	5	-	2.4B	2.43 to 2.63	5	-	-	-	-	-
	-	-	-	-	2.7B	2.69 to 2.91	5	-	2.7B	2.69 to 2.91	5	-	-	-	-	-
	-	-	-	-	3.0B	3.01 to 3.22	5	-	3.0B	3.01 to 3.22	5	-	-	-	-	-
	-	-	-	-	3.3B	3.32 to 3.53	5	-	3.3B	3.32 to 3.53	5	-	-	-	-	-
	-	-	-	-	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	-
	-	-	-	-	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	-
	-	-	-	-	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	-
	-	-	-	-	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
	5.1B	4.975 to 5.230	5	-	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
	5.6B	5.510 to 5.800	5	-	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
	6.2B	6.020 to 6.335	5	-	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
	6.8B	6.670 to 7.015	5	-	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
	7.5B	7.330 to 7.710	5	-	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
	8.2B	8.000 to 8.400	5	-	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
	☆9.1B	8.750 to 9.190	5	-	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
	☆10B	9.560 to 10.04	5	-	10B	9.77 to 10.21	5	-	10B	9.77 to 10.21	5	YES	10B	9.497 to 10.050	20	YES
	☆11B	10.54 to 11.08	5	-	11B	10.76 to 11.22	5	-	11B	10.76 to 11.22	5	YES	11B	10.550 to 11.160	10	YES
	☆12B	11.63 to 12.21	5	-	12B	11.74 to 12.24	5	-	12B	11.74 to 12.24	5	YES	12B	11.510 to 12.160	10	YES
	☆13B	12.85 to 13.49	5	-	13B	12.91 to 13.49	5	-	13B	12.91 to 13.49	5	YES	13B	12.640 to 13.340	10	YES
	☆15B	14.30 to 15.02	5	-	15B	14.34 to 14.98	5	-	15B	14.34 to 14.98	5	YES	15B	14.000 to 14.790	10	YES
	☆16B	15.96 to 16.76	5	-	16B	15.85 to 16.51	5	-	16B	15.85 to 16.51	5	YES	16B	15.390 to 16.240	10	YES
	☆18B	17.52 to 18.41	2	-	18B	17.56 to 18.35	2	-	18B	17.56 to 18.35	5	YES	18B	17.000 to 17.950	10	YES
	-	-	-	-	20B	19.52 to 20.39	2	-	20B	19.52 to 20.39	5	YES	20B	18.870 to 19.890	10	YES
	-	-	-	-	22B	21.54 to 22.47	2	-	22B	21.54 to 22.47	5	YES	22B	20.770 to 21.920	5	YES
	-	-	-	-	24B	23.72 to 24.78	2	-	24B	23.72 to 24.78	5	YES	24B	22.780 to 24.020	5	YES
	-	-	-	-	27B	26.19 to 27.53	2	-	27B	26.19 to 27.53	2	YES	27B	25.190 to 26.560	5	YES
	-	-	-	-	30B	29.19 to 30.69	2	-	30B	29.19 to 30.69	2	YES	30B	27.980 to 29.500	5	YES
	-	-	-	-	33B	32.15 to 33.79	2	-	33B	32.15 to 33.79	2	YES	33B	30.660 to 32.320	5	YES
	-	-	-	-	36B	35.07 to 36.87	2	-	36B	35.07 to 36.87	2	YES	36B	33.230 to 35.010	5	YES
	-	-	-	-	-	-	-	-	-	-	-	-	39B	35.880 to 37.790	5	YES

齐纳二极管 2																
Package	Surface Mount type															
	2512 size SOD-323FL (UMD2) [SC-90A]				2512 size SOD-323FL (UMD2) [SC-90A]				2514 size SOD-323HE (TUMD2M) [SC-108B]				2514 size SOD-323HE (TUMD2M) [SC-108B]			
Equivalent Circuit Diagram																
Series Name	UDZV series				UDZLV series				TFZV series				YFZV series			
Automotive Grade Code	FH				FH				-				FH			
Power (mW)	200				200				500				500			
Taping Code	TE-17				TE-17				TR				TR			
Electrical Characteristics (T _s =25° C)	V _Z (V)		I _Z (mA)	Automotive Grade AEC-Q101	V _Z (V)		I _Z (mA)	Automotive Grade AEC-Q101	V _Z (V)		I _Z (mA)	Automotive Grade AEC-Q101	V _Z (V)		I _Z (mA)	Automotive Grade AEC-Q101
Voltage	2.0B	2.02 to 2.20	5	YES	51	48 to 54	2	YES	2.0B	2.02 to 2.20	20	-	-	-	-	-
	2.2B	2.22 to 2.41	5	YES	56	53 to 60	2	YES	2.2B	2.22 to 2.41	20	-	-	-	-	-
	2.4B	2.43 to 2.63	5	YES	62	58 to 66	2	YES	2.4B	2.43 to 2.63	20	-	-	-	-	-
	2.7B	2.69 to 2.91	5	YES	68	64 to 72	2	YES	2.7B	2.69 to 2.91	20	-	-	-	-	-
	3.0B	3.01 to 3.22	5	YES	75	70 to 79	2	YES	3.0B	3.01 to 3.22	20	-	3.0B	3.01 to 3.22	20	YES
	3.3B	3.32 to 3.53	5	YES	82	77 to 87	2	YES	3.3B	3.32 to 3.53	20	-	3.3B	3.32 to 3.53	20	YES
	3.6B	3.600 to 3.845	5	YES	91	85 to 96	1	YES	3.6B	3.600 to 3.845	20	-	3.6B	3.600 to 3.845	20	YES
	3.9B	3.89 to 4.16	5	YES	100	94 to 106	1	YES	3.9B	3.89 to 4.16	20	-	3.9B	3.89 to 4.16	20	YES
	4.3B	4.17 to 4.43	5	YES	110	104 to 116	1	YES	4.3B	4.17 to 4.43	20	-	4.3B	4.17 to 4.43	20	YES
	4.7B	4.55 to 4.75	5	YES	120	114 to 126	1	YES	4.7B	4.55 to 4.80	20	-	4.7B	4.55 to 4.80	20	YES
	5.1B	4.98 to 5.20	5	YES	130	122 to 138	1	-	5.1B	4.94 to 5.20	20	-	5.1B	4.94 to 5.20	20	YES
	5.6B	5.49 to 5.73	5	YES	150	140 to 160	1	-	5.6B	5.45 to 5.73	20	-	5.6B	5.45 to 5.73	20	YES
	6.2B	6.06 to 6.33	5	YES	-	-	-	-	6.2B	5.96 to 6.27	20	-	6.2B	5.96 to 6.27	20	YES
	6.8B	6.65 to 6.93	5	YES	-	-	-	-	6.8B	6.49 to 6.83	20	-	6.8B	6.49 to 6.83	20	YES
	7.5B	7.28 to 7.60	5	YES	-	-	-	-	7.5B	7.07 to 7.45	20	-	7.5B	7.07 to 7.45	20	YES
	8.2B	8.02 to 8.36	5	YES	-	-	-	-	8.2B	7.78 to 8.19	20	-	8.2B	7.78 to 8.19	20	YES
	9.1B	8.85 to 9.23	5	YES	-	-	-	-	9.1B	8.57 to 9.01	20	-	9.1B	8.57 to 9.01	20	YES
	10B	9.77 to 10.21	5	YES	-	-	-	-	10B	9.41 to 9.90	20	-	10B	9.41 to 9.90	20	YES
	11B	10.76 to 11.22	5	YES	-	-	-	-	11B	10.50 to 11.05	10	-	11B	10.50 to 11.05	10	YES
	12B	11.74 to 12.24	5	YES	-	-	-	-	12B	11.44 to 12.03	10	-	12B	11.44 to 12.03	10	YES
	13B	12.91 to 13.49	5	YES	-	-	-	-	13B	12.55 to 13.21	10	-	13B	12.55 to 13.21	10	YES
	15B	14.34 to 14.98	5	YES	-	-	-	-	15B	13.89 to 14.62	10	-	15B	13.89 to 14.62	10	YES
	16B	15.85 to 16.51	5	YES	-	-	-	-	16B	15.25 to 16.04	10	-	16B	15.25 to 16.04	10	YES
	18B	17.56 to 18.35	5	YES	-	-	-	-	18B	16.82 to 17.70	10	-	18B	16.82 to 17.70	10	YES
	20B	19.52 to 20.39	5	YES	-	-	-	-	20B	18.63 to 19.59	10	-	20B	18.63 to 19.59	10	YES
	22B	21.54 to 22.47	5	YES	-	-	-	-	22B	20.64 to 21.71	5	-	22B	20.64 to 21.71	5	YES
	24B	23.72 to 24.78	5	YES	-	-	-	-	24B	22.61 to 23.77	5	-	24B	22.61 to 23.77	5	YES
	27B	26.19 to 27.53	5	YES	-	-	-	-	27B	24.97 to 26.26	5	-	27B	24.97 to 26.26	5	YES
	30B	29.19 to 30.69	5	YES	-	-	-	-	30B	27.70 to 29.13	5	-	30B	27.70 to 29.13	5	YES
	33B	32.15 to 33.79	5	YES	-	-	-	-	33B	30.32 to 31.88	5	-	-	-	-	-
	36B	35.07 to 36.87	5	YES	-	-	-	-	36B	32.79 to 34.49	5	-	-	-	-	-
	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自有的新工艺, 实现小型化, 具有高精度尺寸的超小型产品系列。
 RASMID™是ROHM Co., Ltd.的商标或注册商标。
 注1: 表中是量产中的细区分。
 注2: 封装采用JEDEC表示。()内表示ROHM封装。[]内表示JEITA编号。

☆: 开发中

齐纳二极管

ESD保护用齐纳二极管
 例: **Y D Z V F H T R 1 3**
 型号 产品性能代码 封装代码 齐纳电压

齐纳二极管 2																
Surface Mount type																
Package																
Equivalent Circuit Diagram																
Series Name	TDZV series			YDZV series			BZX84BxxLY series			BZX84CxxLY series						
Automotive Grade Code	-			FH			FH			FH						
Power (mW)	500			500			250			250						
Taping Code	TR			TR			T116			T116						
Electrical Characteristics (Tj=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	5.1	4.60 to 5.60	10	-	-	-	5V1	5.00 to 5.20	5	YES	5V1	4.80 to 5.40	5	YES		
	5.6	5.10 to 6.10	10	-	-	-	5V6	5.49 to 5.71	5	YES	5V6	5.20 to 6.00	5	YES		
	6.2	5.60 to 6.80	10	-	-	-	6V2	6.08 to 6.32	5	YES	6V2	5.80 to 6.60	5	YES		
	6.8	6.20 to 7.40	10	-	-	-	6V8	6.66 to 6.94	5	YES	6V8	6.40 to 7.20	5	YES		
	7.5	6.80 to 8.30	10	-	-	-	7V5	7.35 to 7.65	5	YES	7V5	7.00 to 7.90	5	YES		
	8.2	7.40 to 9.00	10	-	-	-	8V2	8.04 to 8.36	5	YES	8V2	7.70 to 8.70	5	YES		
	9.1	8.20 to 10.00	10	-	-	-	9V1	8.92 to 9.28	5	YES	9V1	8.50 to 9.60	5	YES		
	10	9.00 to 11.00	10	-	-	-	10V	9.80 to 10.20	5	YES	10V	9.40 to 10.60	5	YES		
	11	9.90 to 12.10	10	-	-	-	11V	10.80 to 11.20	5	YES	11V	10.40 to 11.60	5	YES		
	12	10.80 to 13.20	10	-	-	-	12V	11.80 to 12.20	5	YES	12V	11.40 to 12.70	5	YES		
	13	11.70 to 14.30	10	-	13	11.70 to 14.30	10	YES	13V	12.70 to 13.30	5	YES	13V	12.40 to 14.10	5	YES
	15	13.50 to 16.50	10	-	15	13.50 to 16.50	10	YES	15V	14.70 to 15.30	5	YES	15V	13.80 to 15.60	5	YES
	16	14.40 to 17.60	10	-	16	14.40 to 17.60	10	YES	16V	15.70 to 16.30	5	YES	16V	15.30 to 17.10	5	YES
	18	16.20 to 19.80	10	-	18	16.20 to 19.80	10	YES	18V	17.60 to 18.40	5	YES	18V	16.80 to 19.10	5	YES
	20	18.00 to 22.00	10	-	20	18.00 to 22.00	10	YES	20V	19.60 to 20.40	5	YES	20V	18.80 to 21.20	5	YES
	22	19.80 to 24.20	10	-	22	19.80 to 24.20	10	YES	22V	21.60 to 22.40	5	YES	22V	20.80 to 23.30	5	YES
	24	21.60 to 26.40	10	-	24	21.60 to 26.40	10	YES	24V	23.50 to 24.50	5	YES	24V	22.80 to 25.60	5	YES
	27	24.30 to 29.70	10	-	27	24.30 to 29.70	10	YES	27V	26.50 to 27.50	2	YES	27V	25.10 to 28.90	2	YES
	30	27.00 to 33.00	10	-	-	-	-	30V	29.40 to 30.60	2	YES	30V	28.00 to 32.00	2	YES	
	-	-	-	-	-	-	-	33V	32.30 to 33.70	2	YES	33V	31.00 to 35.00	2	YES	
	-	-	-	-	-	-	-	36V	35.30 to 36.70	2	YES	36V	34.00 to 38.00	2	YES	
	Surface Mount type															
	Package															
	Equivalent Circuit Diagram															
	Series Name	KDZV series			KDZLV series			PDZV series			PTZ series*					
	Automotive Grade Code	TF			TF			TF			TF					
	Power (mW)	1,000			1,000			1,000			1,000					
	Taping Code	TR			TR			TR			TE25					
	Electrical Characteristics (Tj=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	2.00 to 2.24	40	YES	51	48 to 54	2	YES	2.0B	2.00 to 2.24	40	YES	2.0B	2.00 to 2.24	40
2.2B		2.20 to 2.45	40	YES	56	53 to 60	2	YES	2.2B	2.20 to 2.45	40	YES	2.2B	2.20 to 2.45	40	YES
2.4B		2.40 to 2.70	40	YES	62	58 to 66	2	YES	2.4B	2.40 to 2.70	40	YES	2.4B	2.40 to 2.70	40	YES
2.7B		2.70 to 3.10	40	YES	68	64 to 72	2	YES	2.7B	2.70 to 3.10	40	YES	2.7B	2.70 to 3.10	40	YES
3.0B		3.00 to 3.40	40	YES	75	70 to 79	2	YES	3.0B	3.00 to 3.40	40	YES	3.0B	3.00 to 3.40	40	YES
3.3B		3.30 to 3.70	40	YES	82	77 to 87	2	YES	3.3B	3.30 to 3.70	40	YES	3.3B	3.30 to 3.70	40	YES
3.6B		3.60 to 4.00	40	YES	91	85 to 96	2	YES	3.6B	3.60 to 4.00	40	YES	3.6B	3.60 to 4.00	40	YES
3.9B		3.90 to 4.40	40	YES	100	94 to 106	2	YES	3.9B	3.90 to 4.40	40	YES	3.9B	3.90 to 4.40	40	YES
4.3B		4.30 to 4.80	40	YES	110	104 to 116	2	YES	4.3B	4.30 to 4.80	40	YES	4.3B	4.30 to 4.80	40	YES
4.7B		4.70 to 5.20	40	YES	120	114 to 126	2	YES	4.7B	4.70 to 5.20	40	YES	4.7B	4.70 to 5.20	40	YES
5.1B		5.10 to 5.70	40	YES	130	122 to 138	2	YES	5.1B	5.10 to 5.70	40	YES	5.1B	5.10 to 5.70	40	YES
5.6B		5.60 to 6.30	40	YES	150	140 to 160	2	YES	5.6B	5.60 to 6.30	40	YES	5.6B	5.60 to 6.30	40	YES
6.2B		6.20 to 7.00	40	YES	-	-	-	-	6.2B	6.20 to 7.00	40	YES	6.2B	6.20 to 7.00	40	YES
6.8B		6.80 to 7.70	40	YES	-	-	-	-	6.8B	6.80 to 7.70	40	YES	6.8B	6.80 to 7.70	40	YES
7.5B		7.50 to 8.40	40	YES	-	-	-	-	7.5B	7.50 to 8.40	40	YES	7.5B	7.50 to 8.40	40	YES
8.2B		8.20 to 9.30	40	YES	-	-	-	-	8.2B	8.20 to 9.30	40	YES	8.2B	8.20 to 9.30	40	YES
9.1B		9.10 to 10.20	40	YES	-	-	-	-	9.1B	9.10 to 10.20	40	YES	9.1B	9.10 to 10.20	40	YES
10B		10.00 to 11.20	40	YES	-	-	-	-	10B	10.00 to 11.20	40	YES	10B	10.00 to 11.20	40	YES
11B		11.00 to 12.30	20	YES	-	-	-	-	11B	11.00 to 12.30	20	YES	11B	11.00 to 12.30	20	YES
12B		12.00 to 13.50	20	YES	-	-	-	-	12B	12.00 to 13.50	20	YES	12B	12.00 to 13.50	20	YES
13B		13.30 to 15.00	20	YES	-	-	-	-	13B	13.30 to 15.00	20	YES	13B	13.30 to 15.00	20	YES
15B		14.70 to 16.50	20	YES	-	-	-	-	15B	14.70 to 16.50	20	YES	15B	14.70 to 16.50	20	YES
16B		16.20 to 18.30	20	YES	-	-	-	-	16B	16.20 to 18.30	20	YES	16B	16.20 to 18.30	20	YES
18B		18.00 to 20.30	20	YES	-	-	-	-	18B	18.00 to 20.30	20	YES	18B	18.00 to 20.30	20	YES
20B		20.00 to 22.40	20	YES	-	-	-	-	20B	20.00 to 22.40	20	YES	20B	20.00 to 22.40	20	YES
22B		22.00 to 24.50	10	YES	-	-	-	-	22B	22.00 to 24.50	10	YES	22B	22.00 to 24.50	10	YES
24B		24.00 to 27.60	10	YES	-	-	-	-	24B	24.00 to 27.60	10	YES	24B	24.00 to 27.60	10	YES
27B		27.00 to 30.80	10	YES	-	-	-	-	27B	27.00 to 30.80	10	YES	27B	27.00 to 30.80	10	YES
30B		30.00 to 34.00	10	YES	-	-	-	-	30B	30.00 to 34.00	10	YES	30B	30.00 to 34.00	10	YES
33B		33.00 to 37.00	10	YES	-	-	-	-	33B	33.00 to 37.00	10	YES	33B	33.00 to 37.00	10	YES
36B	36.00 to 40.00	10	YES	-	-	-	-	36B	36.00 to 40.00	10	YES	36B	36.00 to 40.00	10	YES	
39A	37.00 to 44.00	10	YES	-	-	-	-	-	-	-	-	-	-	-	-	
43A	40.00 to 46.00	10	YES	-	-	-	-	-	-	-	-	-	-	-	-	
47A	44.00 to 50.00	2	YES	-	-	-	-	-	-	-	-	-	-	-	-	

* 仅限车载级
 注1: 表中是量产中的细分。
 注2: 封装采用JEDEC表示。()内表示ROHM封装, < >内表示GENERAL编号, []内表示JEITA编号。

齐纳二极管

保护元件

例: **UMZ6.8NFMFH T106**
型号 产品性能代码 包装代码

保护元件(2个电路复合品)							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Product No.			Absolute Maximum Ratings (T _a =25°C)	Electrical Characteristics (T _a =25°C)					
Part No.	Grade Code		Taping Code	P _D (mW)	V _Z (V)	I _Z (mA)			
	General	Automotive							
UMZ6.8NFM	*	FH	T106	200	6.65 to 6.93	5	SOT-323 (UMD3) [SC-70]		YES
UMZ12NFM		FH	T106	200	11.74 to 12.24	5			YES
UMZ16NFM		FH	T106	200	12.91 to 13.49	5			YES
UMZ18NFM		FH	T106	200	15.85 to 16.51	5			YES
UMZ27NFM		FH	T106	200	23.72 to 24.78	5			YES
UMZ30NFM		FH	T106	200	26.19 to 27.53	5			YES
UMZ36NFM		FH	T106	200	32.15 to 33.79	5			YES

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

低容量保护元件												
Product No.				Absolute Maximum Ratings (T _a =25°C)	Electrical Characteristics (T _a =25°C)					Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	P _D (mW)	V _Z (V)	I _Z (mA)	Ct (pF) Typ	f (MHz)	V _R (V)			
	General	Automotive										
CDZCV5.1B	*	—	T2R	100	4.98 to 5.20	5	5.5	1	0	SOD-923 (VMN2M)		—
CDZCV6.8B		—	T2R	100	6.65 to 6.93	5	3	1	0			—
EDZCV6.8B		—	T2R	150	6.65 to 6.93	5	3	1	0			SOD-523 (EMD2) [SC-79]
RSAC6.8CM		—	T2R	100	6.70 to 7.33	5	0.3	1	0	SOD-923 (VMN2M)		—
RSAC16CM		—	T2R	100	16.49 to 17.51	5	0.3	1	0			—
UMZC6.8NFM		FH	T106	200	6.47 to 7.14	5	3	1	0	SOT-323 (UMD3) [SC-70]		YES
UMZU6.2NFM		FH	T106	200	5.90 to 6.50	5	8	1	0			YES

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

超低容量双向齐纳二极管												
Product No.				Absolute Maximum Ratings (T _a =25°C)	Electrical Characteristics (T _a =25°C)					Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	P _D (mW)	V _Z (V)	I _Z (mA)	Ct (pF) Typ	f (MHz)	V _R (V)			
	General	Automotive										
RSBC6.8CM	*	—	T2N	100	6.62 to 7.24	5	1	1	0	SOD-923 (VMN2M)		—

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

TVS

●TVS一览表

V _{RWM} (V)	Surface Mount type									
	0603 size	1006 size	2924 size	2513 size	3516 size	4725 size	6546 size			
	DSN0603-2 (SMD0603B)	DSN1006-2 (SMD1006)	SOT-23 (SSD3)	(PMDE)	(PMDU) (SOD-123FL) [SC-109B]	(PMDTM) (SOD-128)	TO-277A (TO-277GE)	TO-252 (DPAK) [SC-63]	(TO-263S) (D2PAK)	
3.0			MMBZ5V6ALY	6						
			MMBZ6V2ALY	7						
4.5			MMBZ6V8ALY	8						
5.0					VS5V0UA1VWM	22	SMF5V0	54	VS5V0UA1LAM	77
6.0			MMBZ9V1ALY	9	New VS6V0UA1VWM	23	SMF6V0	55	VS6V0UA1LAM	78
6.3		VS6V3UC1QS	5							
6.5			MMBZ10VALY	10	New VS6V5UA1VWM	24	SMF6V5	56		
7.0	VS7V0UD1HS	1					SMF7V0	57	VS7V0UA1LAM	79
7.5					New VS7V5UA1VWM	25	SMF7V5	58		
8.0							SMF8V0	59	VS8V0UA1LAM	80
8.5			MMBZ12VALY	11						
9.0	VS9V0UD1HS	2			New VS9V0UA1VWM	26	SMF9V0	60	VS9V0UA1LAM	81
10.0							SMF10V	61	VS10VUA1LAM	82
11.0					New VS11VUA1VWM	27	SMF11V	62	VS11VUA1LAM	83
12.0	VS12V0UD1HS	3	MMBZ15VALY	12	New VS12VUA1VWM	28	SMF12V	63	VS12VUA1LAM	84
13.0			MMBZ16VALY	13	New VS13VUA1VWM	29	SMF13V	64	VS13VUA1LAM	85
14.0							SMF14V	65	VS14VUA1LAM	86
14.5			MMBZ18VALY	14						
15.0	VS15V0UD1HS	4			New VS15VUA1VWM	30	SMF15V	66	VS15VUA1LAM	87
16.0					New VS16VUA1VWM	31	SMF16V	67	VS16VUA1LAM	88
17.0			MMBZ20VALY	15	New VS17VUA1VWM	32	SMF17V	68	VS17VUA1LAM	89
18.0					New VS18VUA1VWM	33	SMF18V	69	VS18VUA1LAM	90
20.0			MMBZ24VALY	16	New VS20VUA1VWM	34	SMF20V	70	VS20VUA1LAM	91
22.0			MMBZ27VALY	17	New VS22VUA1VWM	35	SMF22V	71	VS22VUA1LAM	92
			MMBZ27VCLY	21					New RSDT27RSM	97
									RSMT27BM	99
									RSMT27NS	101
24.0			MMBZ30VALY	18	New VS24VUA1VWM	36	SMF24V	72	VS24VUA1LAM	93
									New RSDT30RSM	98
									RSMT30BM	100
									RSMT30NS	102
26.0			MMBZ33VALY	19	New VS26VUA1VWM	37	SMF26V	73	VS26VUA1LAM	94
28.0			MMBZ36VALY	20			SMF28V	74	VS28VUA1LAM	95
30.0					New VS30VUA1VWM	38	SMF30V	75	VS30VUA1LAM	96
33.0					New VS33VUA1VWM	39	SMF33V	76		
36.0					New VS36VUA1VWM	40				
40.0					New VS40VUA1VWM	41				
43.0					New VS43VLNVWM	42				
48.0					New VS48VLNVWM	43				
54.0					New VS44VLNVWM	44				
58.0					New VS58VLNVWM	45				
64.0					New VS64VLNVWM	46				
70.0					New VS70VLNVWM	47				
78.0					New VS78VLNVWM	48				
85.0					New VS85VLNVWM	49				
90.0					New VS90VLNVWM	50				
100					New VS100VLNVWM	51				
110					New VS110VLNVWM	52				
130					New VS130VLNVWM	53				

注：封装采用JEDEC表示。()内表示ROHM封装，< >内表示GENERAL编号，[]内表示JEITA编号。

●双向TVS一览表

V _{RWM} (V)	Surface Mount type											
	0402 size		0603 size				1006 size		2012 size		2924 size	
	DSN0402-2 (SMD0402)		DSN0603-2 (SMD0603)		DSN0603-2 (SMD0603B)		DSN1006-2 (SMD1006)		DSN2012-2 (SMD2012)		SOT-23 (SSD3)	
3.3	RASMD™ VS3V3BA1FS	103	RASMD™ VS3V3BA1ES	109	RASMD™ VS3V3BC1HS	108						
	RASMD™ VS3V3BB1FS	104	RASMD™ VS3V3BB1ES	110	RASMD™ VS3V3BL1HS	121						
	RASMD™ VS3V3BT1FS	105			RASMD™ VS3V3BN1HS	122						
4.5							RASMD™ VS4V5BU1QS	115				
4.8									RASMD™ VS4V8BU1AR	116		
5.0	RASMD™ VS5V0BA1FS	106	RASMD™ VS5V0BA1ES	111	RASMD™ VS5V0BL1HS	123	RASMD™ VS5V0BL1QS	125				
	RASMD™ VS5V0BB1FS	107	RASMD™ VS5V0BB1ES	112	RASMD™ VS5V0BN1HS	124						
			RASMD™ VS5V0BC1ES	113								
12.0					RASMD™ VS12VBA1HS	114					ESD16VHY	117
16.0											ESD18VHY	118
24.0											ESD27VHY	119
											RESD1CANY	120

◎RASMD™：采用ROHM自有的新工艺，实现小型化，具有高精度尺寸的超小型产品系列。

RASMD™ 是ROHM Co., Ltd.的商标或注册商标。

注：封装采用JEDEC表示。()内表示ROHM封装。

TVS

TVS
例: **V S 5 V 0 U A 1 V W M T F T R**
型号 产品性能代码 包装代码

Quick Reference No.	Product No.				V _{RWM} (V)	Absolute Maximum Ratings (T _a =25°C)		Electrical Characteristics (T _a =25°C)		Peak Pulse Power (W) (tp=10x1,000µs)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101		
	Part No.	Grade Code		Taping Code		P _D (mW)	V _Z (V) or V _{BR} (V)		I _Z (mA)						
		General	Automotive												
1	VS7V0UD1HS	—		T15R	7.0	100	7.20 to 9.00		1	126 (8/20µs)	DSN0603-2 (SMD0603B)		—		
2	VS9V0UD1HS	—		T15R	9.0	100	9.60 to 11.80		1	128 (8/20µs)			—		
3	VS12V0UD1HS	—		T15R	12.0	100	12.20 to 13.80		1	129 (8/20µs)			—		
4	VS15V0UD1HS	—		T15R	15.0	100	15.30 to 16.90		1	135 (8/20µs)			—		
5	VS6V3UC1QS	—		T18R	6.3	200	6.70 to 7.70		1	660 (8/20µs)			DSN1006-2 (SMD1006)	—	
6	MMBZ5V6ALY	FH		T116	3.0	225	5.32 to 5.88		20	24	SOT-23 (SSD3)		YES		
7	MMBZ6V2ALY	FH		T116	3.0	225	5.89 to 6.51		1	24			YES		
8	MMBZ6V8ALY	FH		T116	4.5	225	6.46 to 7.14		1	24			YES		
9	MMBZ9V1ALY	FH		T116	6.0	225	8.65 to 9.56		1	24			YES		
10	MMBZ10VALY	FH		T116	6.5	225	9.50 to 10.50		1	24			YES		
11	MMBZ12VALY	FH		T116	8.5	225	11.40 to 12.60		1	40			YES		
12	MMBZ15VALY	FH		T116	12.0	225	14.25 to 15.75		1	40			YES		
13	MMBZ16VALY	FH		T116	13.0	225	15.20 to 16.80		1	40			YES		
14	MMBZ18VALY	FH		T116	14.5	225	17.10 to 18.90		1	40			YES		
15	MMBZ20VALY	FH		T116	17.0	225	19.00 to 21.00		1	40			YES		
16	MMBZ24VALY	FH		T116	20.0	225	22.80 to 25.20		1	40			YES		
17	MMBZ27VALY	FH		T116	22.0	225	25.65 to 28.35		1	40			YES		
18	MMBZ30VALY	FH		T116	24.0	225	28.50 to 31.50		1	40			YES		
19	MMBZ33VALY	FH		T116	26.0	225	31.35 to 34.65		1	40			YES		
20	MMBZ36VALY	FH		T116	28.0	225	34.20 to 37.80		1	40			YES		
21	MMBZ27VCLY	FH		T116	22.0	225	25.65 to 28.35		1	40				YES	
22	VS5V0UA1VWM	TF		TR	5.0	1,000	6.40 to 7.20		40	200			(PMDE)		YES
23	New VS6V0UA1VWM	TF		TR	6.0	1,000	6.80 to 7.70		40	200					YES
24	New VS6V5UA1VWM	TF		TR	6.5	1,000	7.50 to 8.40		40	200					YES
25	New VS7V5UA1VWM	TF		TR	7.5	1,000	8.20 to 9.30		40	200					YES
26	New VS9V0UA1VWM	TF		TR	9.0	1,000	10.0 to 11.2		40	200	YES				
27	New VS11VUA1VWM	TF		TR	11.0	1,000	12.0 to 12.2		20	200	YES				
28	New VS12VUA1VWM	TF		TR	12.0	1,000	13.3 to 15.0		20	200	YES				
29	New VS13VUA1VWM	TF		TR	13.0	1,000	14.7 to 16.5		20	200	YES				
30	New VS15VUA1VWM	TF		TR	15.0	1,000	16.2 to 18.3		20	200	YES				
31	New VS16VUA1VWM	TF		TR	16.0	1,000	18.0 to 20.3		20	200	YES				
32	New VS17VUA1VWM	TF		TR	17.0	1,000	18.8 to 21.2		20	200	YES				
33	New VS18VUA1VWM	TF		TR	18.0	1,000	20.0 to 22.4		20	200	YES				
34	New VS20VUA1VWM	TF		TR	20.0	1,000	22.0 to 24.5		10	200	YES				
35	New VS22VUA1VWM	TF		TR	22.0	1,000	24.0 to 27.6		10	200	YES				
36	New VS24VUA1VWM	TF		TR	24.0	1,000	27.0 to 30.8		10	200	YES				
37	New VS26VUA1VWM	TF		TR	26.0	1,000	28.6 to 32.1		10	200	YES				
38	New VS30VUA1VWM	TF		TR	30.0	1,000	33.0 to 37.0		10	200	YES				
39	New VS33VUA1VWM	TF		TR	33.0	1,000	36.0 to 40.0		10	200	YES				
40	New VS36VUA1VWM	TF		TR	36.0	1,000	40.0 to 46.0		10	200	YES				
41	New VS40VUA1VWM	TF		TR	40.0	1,000	44.0 to 50.0		10	200	YES				
42	New VS43VLNVWM	TF		TR	43.0	1,000	48.0 to 54.0		2	200	YES				
43	New VS48VLNVWM	TF		TR	48.0	1,000	53.0 to 60.0		2	200	YES				
44	New VS54VLNVWM	TF		TR	54.0	1,000	58.0 to 66.0		2	200	YES				
45	New VS58VLNVWM	TF		TR	58.0	1,000	64.0 to 72.0		2	200	YES				
46	New VS64VLNVWM	TF		TR	64.0	1,000	70.0 to 79.0		2	200	YES				
47	New VS70VLNVWM	TF		TR	70.0	1,000	77.0 to 87.0		2	200	YES				
48	New VS78VLNVWM	TF		TR	78.0	1,000	85.0 to 96.0		2	200	YES				
49	New VS85VLNVWM	TF		TR	85.0	1,000	94.0 to 106		2	200	YES				
50	New VS90VLNVWM	TF		TR	90.0	1,000	104 to 116		2	200	YES				
51	New VS100VLNVWM	TF		TR	100	1,000	114 to 126		2	200	YES				
52	New VS110VLNVWM	TF		TR	110	1,000	122 to 138		2	200	YES				
53	New VS130VLNVWM	TF		TR	130	1,000	140 to 160		2	200	YES				

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

TVS

TVS
 例: **V S 5 V 0 U A 1 V W M T F T R**
型号 产品性能代码 包装代码

TVS													
Quick Reference No.	Product No.				V _{RWM} (V)	Absolute Maximum Ratings (T _a =25°C)	Electrical Characteristics (T _a =25°C)			Peak Pulse Power (W) (tp=10×1,000µs)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code			P _D (mW)	V _Z (V) or V _{BR} (V)	I _Z (mA)				
		General	Automotive										
54	SMF5V0	TF	TR	5.0	1,000	6.40 or more	40	200	(PMDU) (SOD-123FL) [SC-109B]		YES		
55	SMF6V0	TF	TR	6.0	1,000	6.67 or more	40	200			YES		
56	SMF6V5	TF	TR	6.5	1,000	7.22 or more	40	200			YES		
57	SMF7V0	TF	TR	7.0	1,000	7.78 or more	40	200			YES		
58	SMF7V5	TF	TR	7.5	1,000	8.33 or more	40	200			YES		
59	SMF8V0	TF	TR	8.0	1,000	8.89 or more	40	200			YES		
60	SMF9V0	TF	TR	9.0	1,000	10.0 or more	40	200			YES		
61	SMF10V	TF	TR	10.0	1,000	11.1 or more	20	200			YES		
62	SMF11V	TF	TR	11.0	1,000	12.2 or more	20	200			YES		
63	SMF12V	TF	TR	12.0	1,000	13.3 or more	20	200			YES		
64	SMF13V	TF	TR	13.0	1,000	14.4 or more	20	200			YES		
65	SMF14V	TF	TR	14.0	1,000	15.6 or more	20	200			YES		
66	SMF15V	TF	TR	15.0	1,000	16.7 or more	20	200			YES		
67	SMF16V	TF	TR	16.0	1,000	17.2 or more	20	200			YES		
68	SMF17V	TF	TR	17.0	1,000	18.9 or more	20	200			YES		
69	SMF18V	TF	TR	18.0	1,000	20.0 or more	20	200			YES		
70	SMF20V	TF	TR	20.0	1,000	22.2 or more	10	200			YES		
71	SMF22V	TF	TR	22.0	1,000	24.4 or more	10	200			YES		
72	SMF24V	TF	TR	24.0	1,000	26.7 or more	10	200			YES		
73	SMF26V	TF	TR	26.0	1,000	28.9 or more	10	200			YES		
74	SMF28V	TF	TR	28.0	1,000	31.1 or more	10	200			YES		
75	SMF30V	TF	TR	30.0	1,000	33.3 or more	10	200			YES		
76	SMF33V	TF	TR	33.0	1,000	36.7 or more	10	200			YES		
77	VS5V0UA1LAM	TF	TR	5.0	—	6.45 to 7.14	10	600			(PMDTM) (SOD-128)		YES
78	VS6V0UA1LAM	TF	TR	6.0	—	6.67 to 7.37	10	600					YES
79	VS7V0UA1LAM	TF	TR	7.0	—	7.78 to 8.60	10	600					YES
80	VS8V0UA1LAM	TF	TR	8.0	—	8.89 to 9.83	1	600	YES				
81	VS9V0UA1LAM	TF	TR	9.0	—	10.0 to 11.1	1	600	YES				
82	VS10VUA1LAM	TF	TR	10.0	—	11.1 to 12.3	1	600	YES				
83	VS11VUA1LAM	TF	TR	11.0	—	12.2 to 13.5	1	600	YES				
84	VS12VUA1LAM	TF	TR	12.0	—	13.3 to 14.7	1	600	YES				
85	VS13VUA1LAM	TF	TR	13.0	—	14.4 to 15.9	1	600	YES				
86	VS14VUA1LAM	TF	TR	14.0	—	15.6 to 17.2	1	600	YES				
87	VS15VUA1LAM	TF	TR	15.0	—	16.7 to 18.5	1	600	YES				
88	VS16VUA1LAM	TF	TR	16.0	—	17.8 to 19.7	1	600	YES				
89	VS17VUA1LAM	TF	TR	17.0	—	18.9 to 20.9	1	600	YES				
90	VS18VUA1LAM	TF	TR	18.0	—	20.0 to 22.1	1	600	YES				
91	VS20VUA1LAM	TF	TR	20.0	—	22.2 to 24.5	1	600	YES				
92	VS22VUA1LAM	TF	TR	22.0	—	24.4 to 26.9	1	600	YES				
93	VS24VUA1LAM	TF	TR	24.0	—	26.7 to 29.5	1	600	YES				
94	VS26VUA1LAM	TF	TR	26.0	—	28.9 to 31.9	1	600	YES				
95	VS28VUA1LAM	TF	TR	28.0	—	31.1 to 34.4	1	600	YES				
96	VS30VUA1LAM	TF	TR	30.0	—	33.3 to 36.8	1	600	YES				
97	New RSDT27RSM	TF	TL1	22.0	1,500	24.0 to 30.0	10	1,500	TO-277A (TO-277GE)		YES		
98	New RSDT30RSM	TF	TL1	24.0	1,500	27.0 to 33.0	10	1,500			YES		
99	RSDT27BM	FH	TL	22.0	2,500	24.0 to 30.0	10	2,500	TO-252 (DPAK) [SC-63]		YES		
100	RSDT30BM	FH	TL	24.0	2,500	27.0 to 33.0	10	2,500			YES		
101	RSDT27NS	FH	TL	22.0	5,000	24.0 to 30.0	10	3,600	(TO-263S) (D2PAK)		YES		
102	RSDT30NS	FH	TL	24.0	5,000	27.0 to 33.0	10	3,600			YES		

* 一般产品的产品性能代码为空白。
 注：封装采用JEDEC表示。()内表示ROHM封装，< >内表示GENERAL编号，[]内表示JEITA编号。

二极管

TVS
 例: **V S 3 V 3 B C 1 H S T 1 5 R**
 型号 包装代码

双向TVS															
Quick Reference No.	Product No.				Absolute Maximum Ratings (T _a =25° C)	Electrical 特征表 (T _a =25° C)		Peak Pulse Power (W) (tp=8/20μs)	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)	V _{BR} (V)								I _Z (mA)
		General	Automotive												
103	RASMID™ VS3V3BA1FS	—	—	T27N	100	4.0 or more	1	26.5	6	1	0	DSN0402-2 (SMD0402)		—	
104	RASMID™ VS3V3BB1FS	—	—	T27N	100	4.0 or more	1	38	10	1	0			—	
105	RASMID™ VS3V3BT1FS	—	—	T27N	100	4.0 or more	1	21	4.7	1	0			—	
106	RASMID™ VS5V0BA1FS	—	—	T27N	100	5.3 or more	1	26.5	6	1	0			—	
107	RASMID™ VS5V0BB1FS	—	—	T27N	100	5.3 or more	1	45	10	1	0			—	
108	RASMID™ VS3V3BC1HS	—	—	T15R	100	4.0 or more	1	70	18	1	0			DSN0603-2 (SMD0603B)	—
109	RASMID™ VS3V3BA1ES	—	—	T15R	100	4.0 or more	1	28	6	1	0			DSN0603-2 (SMD0603)	—
110	RASMID™ VS3V3BB1ES	—	—	T15R	100	4.0 or more	1	45	10	1	0				—
111	RASMID™ VS5V0BA1ES	—	—	T15R	100	6.0 to 8.0	1	10	5	1	0				—
112	RASMID™ VS5V0BB1ES	—	—	T15R	100	6.0 to 9.0	1	25	7	1	0				—
113	RASMID™ VS5V0BC1ES	—	—	T15R	100	6.0 to 9.0	1	60	15	1	0				—
114	RASMID™ VS12VBA1HS	—	—	T15R	100	12.5 to 15.0	1	70	7	1	0			DSN0603-2 (SMD0603B)	—
115	RASMID™ VS4V5BU1QS	—	—	T18R	200	5.3 to 6.5	1	600	100	1	0	DSN01006-2 (SMD1006)	—		
116	RASMID™ VS4V8BU1AR	—	—	T7R	—	4.85 to 6.00	1	1,100	480 (Max)	1	0	DSN2012-2 (SMD2012)	—		
117	ESD16VHY	FH	—	T116	225	15.96 to 17.64	1	100	13	1	0	SOT-23 (SSD3)		YES	
118	ESD18VHY	FH	—	T116	225	17.86 to 19.74	1	100	12	1	0			YES	
119	ESD27VHY	FH	—	T116	225	26.41 to 29.19	1	100	8	1	0			YES	
120	RESD1CANY	FH	—	T116	225	26.20 to 32.00	1	350	30 (Max)	1	0			YES	

低容量双向TVS															
Quick Reference No.	Product No.				Absolute Maximum Ratings (T _a =25° C)	Electrical Characteristics (T _a =25° C)		Remarks	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)	V _{BR} (V)								I _Z (mA)
		General	Automotive												
121	RASMID™ VS3V3BL1HS	—	—	T15R	100	6.00 to 10.00	1	IEC61000-4-2, 150pF, 330Ω, Contact 20kV, Air 20kV	0.34	1	0	DSN0603-2 (SMD0603B)		—	
122	RASMID™ VS3V3BN1HS	—	—	T15R	100	6.00 to 10.00	1	IEC61000-4-2, 150pF, 330Ω, Contact 20kV, Air 20kV	0.5	1	0			—	
123	RASMID™ VS5V0BL1HS	—	—	T15R	100	6.00 to 10.00	1	IEC61000-4-2, 150pF, 330Ω, Contact 11kV, Air 15kV	0.34	1	0			—	
124	RASMID™ VS5V0BN1HS	—	—	T15R	100	6.00 to 10.00	1	IEC61000-4-2, 150pF, 330Ω, Contact 11kV, Air 15kV	0.5	1	0			—	
125	RASMID™ VS5V0BL1QS	—	—	T18R	200	7.00 or more	1	IEC61000-4-2, 150pF, 330Ω, Contact 15kV, Air 15kV	0.8	1	0	DSN01006-2 (SMD1006)	—		

©RASMID™: 采用ROHM自有的新工艺, 实现小型化, 具有高精度尺寸的超小型产品系列。
 RASMID™ 是ROHM Co., Ltd.的商标或注册商标。
 *一般产品的产品性能代码为空白。
 注: 封装采用JEDEC表示。()内表示ROHM封装。

开关二极管

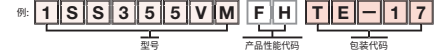
●开关二极管一览表

V _R (V)	Surface Mount type							
	1006 size	1212 size	1608 size	1616 size	2120 size	2512 size	2924 size	
	SOD-923 (VMN2M)	SOT-723 (VMD3) [SC-105AA]	SOD-523 (EMD2) [SC-79]	SOT-416FL (EMD3F) [SC-89]	SOT-323FL (UMD3F) [SC-85]	SOT-323 (UMD3) [SC-70]	SOD-323FL (UMD2) [SC-90A]	SOT-23 (SSD3)
20		DA221ZM		DA221WM				
80	1SS400CM	DAN222ZM DAP222ZM	1SS400SM	DAN222WM DAP222WM DAN217WM DA228WM	DAN202UM DAP202UM DAN217UM DA204UM DA228UM BAW156UM BAV199UM	DAN202FM DAP202FM BAV99FM BAV199FM	1SS355VM 1SS380VM	BAS16HY BAV70HY BAW56HY BAV99HY BAW156HY BAV199HY BAS116HY BAV170HY
200							BAS21VM	BAS21HY

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

开关二极管

开关二极管



高速型																		
Product No.			Absolute Maximum Ratings (T _a =25°C)*1						Electrical Characteristics (T _a =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)	I _O (mA)	I _{surge} (mA)	V _F (V) Max	I _F (mA)	I _R (μA) Max	V _R (V)	t _{rr} (ns) Max	V _R (V)	I _F (mA)				
1SS400CM	—	T2R	90	80	225	100	500 (1s)	1.2	100	0.1	80	4	6	10	SOD-923 (VMN2M)		—	
1SS400SM	FH	T2R	90	80	225	100	500 (1s)	1.2	100	0.1	80	4	6	10	SOD-523 (EMD2) [SC-79]		YES	
1SS355VM	FH	TE-17	90	80	225	100	500 (1s)	1.2	100	0.1	80	4	6	10	SOD-323FL (UMD2) [SC-90A]		YES	
BAS16HY	FH	T116	100	80	500	215*3	4,000 (1μs)	1.25	150	0.1	80	4	10*2	10	SOT-23 (SSD3)		YES	
DAN222ZM	—	T2L	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-723 (VMD3) [SC-105AA]		—	
DAN222WM	—	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F) [SC-89]		—	
DAN202UM	—	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323FL (UMD3F) [SC-85]		—	
DAN202FM	FH	T106	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323 (UMD3) [SC-70]	YES		
BAV70HY	FH	T116	90	80	450	215*3	4,000 (1μs)	1.25	150	0.5	80	4	10*2	10	SOT-23 (SSD3)	YES		
DAP222ZM	—	T2L	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-723 (VMD3) [SC-105AA]		—	
DAP222WM	—	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F) [SC-89]		—	
DAP202UM	—	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323FL (UMD3F) [SC-85]		—	
DAP202FM	FH	T106	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323 (UMD3) [SC-70]	YES		
BAW56HY	FH	T116	100	80	500	215*3	4,000 (1μs)	1.25	150	0.1	80	4	10*2	10	SOT-23 (SSD3)	YES		
DAN217WM	FH	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F) [SC-89]	YES		
DAN217UM	—	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.2	70	4	6	5	SOT-323FL (UMD3F) [SC-85]		—	
BAV99HY	FH	T116	100	80	500	215*3	4,000 (1μs)	1.25	150	0.1	80	4	10*2	10	SOT-23 (SSD3)		YES	
BAV99FM	FH	T106	100	80	500	215*3	4,000 (1μs)	1.25	150	0.1	80	4	10*2	10	SOT-323 (UMD3) [SC-70]		YES	
BAS21HY	FH	T116	250	200	—	200*3	10,000 (1μs)	1	100	0.1	200	50	30*2	30	SOT-23 (SSD3)		YES	
BAS21VM	FH	TE-17	250	200	—	200*3	10,000 (1μs)	1	100	0.1	200	50	30*2	30	SOD-323FL (UMD2) [SC-90A]		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_p值。

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

开关二极管

例:

1	S	S	3	5	5	V	M	F	H	T	E	-	1	7
型号							产品性能代码			包装代码				

低漏失型																			
Product No.			Absolute Maximum Ratings (T _a =25°C)*1						Electrical Characteristics (T _a =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)	I _O (mA)	I _{surge} (mA)	V _F (V) Max	I _F (mA)	I _R (μA) Max	V _R (V)	t _{rr} (ns) Max	V _R (V)	I _F (mA)				
	General	Automotive																	
1SS380VM		FH	TE-17	80	80	225	100	400 (1s)	1.2	100	0.01	80	—	—	—	SOD-323FL (UMD2) [SC-90A]		YES	
BAW156HY		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	
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) [SC-85]		YES	
BAV199HY		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	
BAV199FM		FH	T106	100	80	500	215*3	4,000 (1μs)	1.25	150	0.01	75	3,000	10*2	10	SOT-323 (UMD3) [SC-70]		YES	
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) [SC-85]		YES	
DA204UM	*	—	TL	20	20	200	100	300 (1μs)	1.0	10	0.1	15	—	—	—			—	—
DA228UM		—	TL	80	80	200	100	300 (1μs)	1.2	100	0.01	80	—	—	—	—		—	—
DA221ZM		—	T2L	20	20	200	100	300 (1μs)	1	10	0.1	15	—	—	—	SOT-723 (VMD3) [SC-105AA]		—	—
DA221WM		—	TL	20	20	200	100	300 (1μs)	1	10	0.1	15	—	—	—	SOT-416FL (EMD3F) [SC-89]		—	—
DA228WM		—	TL	80	80	200	100	4,000 (1μs)	1.2	100	0.1	80	—	—	—			—	—
BAV170HY		FH	T116	90	80	500	215*3	4,000 (1μs)	1.25	150	0.005	75	3,000	10*2	10	SOT-23 (SSD3)			YES
BAS116HY		FH	T116	100	80	500	215*3	4,000 (1μs)	1.25	150	0.005	75	3,000	10*2	10				YES

* 一般产品的产品性能代码为空白。
 *1 每个元件的规格。 *2 I₀(mA)值, 非V₀(V)。 *3 I_r值。
 注: 封装采用JEDEC表示。()内表示ROHM封装, []内表示JEITA编号。

高频二极管

●高频二极管一览表

	V _R (V)	Surface Mount type				
		1006 size		1608 size	2120 size	2512 size
Band Switching Diode	35	DFN1006-2W	SOD-923 (VMN2M)	SOD-523 (EMD2) [SC-79]	SOT-323 (UMD3) [SC-70]	SOD-323FL (UMD2) [SC-90A]
PIN Diode	50		RN141CM			
	60			RN142SM		RN142VM
Detection Schottky Diode	5	New RB886ASA	RB886CM			

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

高频二极管

高频二极管

例:

1	S	S	3	9	0	S	M	F	H	T	2	R
型号				产品性能代码				封装代码				

频带开关二极管															
Product No.				Absolute Maximum Ratings (T _a =25°C)				Electrical Characteristics (T _a =25°C)					Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V _R (V)	I _F (mA)	T _J (°C)	Tstg (°C)	Ct (pF) Max	V _R (V)	f (MHz)	rF (Ω) Max	I _F (mA)			
	1SS390SM	*											FH	T2R	35
DAN235FM	*	FH	T106	35	150	-55 to +150	1.2	6	1	0.9	2	100	SOT-323 (UMD3) [SC-70]		YES

PIN 二极管																
Product No.				Absolute Maximum Ratings (T _a =25°C)				Electrical Characteristics (T _a =25°C)					Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101	
Part No.	Grade Code		Taping Code	V _R (V)	I _F (mA)	T _J (°C)	Tstg (°C)	Ct (pF) Max	V _R (V)	f (MHz)	rF (Ω) Max	I _F (mA)				f (MHz)
	RN141CM	*											-	T2R	50	
RN142SM	*	-	T2R	60	100	150	-55 to +150	0.45	1	1	3	3	100	SOD-523 (EMD2) [SC-79]	-	
RN142VM	*	-	TE-17	60	100	150	-55 to +150	0.45	1	1	3	3	100	SOD-323FL (UMD3) [SC-90A]	-	

检波肖特基势垒二极管															
Product No.				Absolute Maximum Ratings (T _a =25°C)				Electrical Characteristics (T _a =25°C)					Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V _R (V)	I _F (mA)	T _J (°C)	Tstg (°C)	V _F (V) Max	I _F (mA)	Ct (pF) Max	V _R (V)	f (MHz)			
	RB886CM	*											-	T2R	5
New RB886ASA	-	FH	T2RB	5	10	150	-55 to +150	0.35	1	0.8	1	1	DFN1006-2W		YES

* 一般产品的产品性能代码为空白。

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

封装

■尺寸 (单位: mm)

表面贴装型

<p>DSN0402-2 (SMD0402)</p>	<p>DSN0603-2 (SMD0603) (SMD0603B)</p>	<p>DSN1006-2 (SMD1006)</p>	<p>DSN2012-2 (SMD2012)</p>
<p>DFN1006-2W</p>	<p>SOD-923 (VMN2M)</p>	<p>SOT-723 (VMD3) [SC-105AA]</p>	<p>SOD-523 (EMD2) [SC-79]</p>
<p>SOT-416FL (EMD3F) [SC-89]</p>	<p>SOD-323FL (UMD2) [SC-90A]</p>	<p>SOT-323FL (UMD3F) [SC-85]</p>	<p>SOT-323 (UMD3) [SC-70]</p>
<p>SOT-23 (SSD3)</p>	<p>SOD-323HE (TUMD2M) [SC-108B]</p>	<p>SOD-323HE (TUMD2SM)</p>	<p>SOT-457T (TSMD6)</p>

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

封装

●尺寸 (单位: mm)

表面贴装型

<p>(PMDE)</p>	<p>(PMDU) (SOD-123FL) [SC-109B]</p>	<p>(PMDTM) (SOD-128)</p>	<p>(PMDTP) (SOD-128)</p>
<p>(PMDUP) (SOD-123FL)</p>	<p>DO-214AC (PMDS) (SMA)</p>	<p>TO-277A (TO-277GE)</p>	<p>(TO-252GE) (DPAK)</p> <p>Each lead has same dimensions</p>
<p>TO-252 (DPAK)</p> <p>Each lead has same dimensions</p>	<p>TO-263L (LPDL) (D2PAK) [SC-83]</p> <p>Each lead has same dimensions</p>	<p>(TO-263S) (LPDS) (D2PAK) [SC-83]</p> <p>Each lead has same dimensions</p>	

注: 封装采用JEDEC表示。()内表示ROHM封装, < >内表示GENERAL编号, []内表示JEITA编号。

Through Hole type

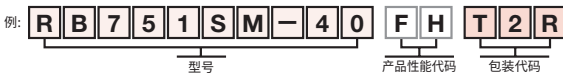
<p>(TO-220FN) <2pin></p> <p>Each lead has same dimensions</p>	<p>(TO-220FN) <3pin></p> <p>Each lead has same dimensions</p>	<p>(TO-220FM) <2pin></p> <p>Each lead has same dimensions</p>
<p>(TO-220AC)</p> <p>Each lead has same dimensions</p>	<p>(TO-220ACFP)</p> <p>Each lead has same dimensions</p>	
<p>TO-247-2L (TO-247GE-2L)</p> <p>Each lead has same dimensions</p>	<p>TO-247-3L (TO-247GE-3L)</p> <p>Each lead has same dimensions</p>	

注: 封装采用JEDEC表示。()内表示ROHM封装。

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

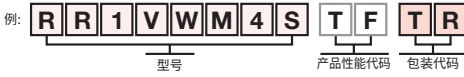
• 肖特基势垒二极管



• 快速恢复二极管



• 整流二极管



• 齐纳二极管



• 保护元件



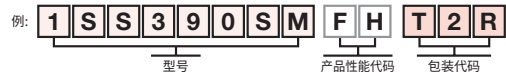
• TVS



• 开关二极管



• 高频二极管



• 包装代码

Package	Code	ROHM Package	JEITA code	Size	Height	Package Style	Direction	Basic Ordering Unit (pcs)	
Surface Mount type	DSN0402-2	T27R	SMD0402	—	0402	0.18	Embossed tape	Cathode on sprocket hole side	27,000
		T27N					Embossed tape	Non-direction	27,000
	DSN0603-2	T15R	SMD0603	—	0603	0.28	Embossed tape	Cathode on sprocket hole side	15,000
			SMD0603B						
	DSN1006-2	T18R	SMD1006	—	1006	0.22	Embossed tape	Cathode on sprocket hole side	18,000
	DFN1006-2W	T2RB	—	—	1006	0.4	Embossed tape	Cathode on sprocket hole side	8,000
	SOT-723	T2L	VMD3	SC-105AA	1212	0.5	Embossed tape	One terminal on sprocket hole side	8,000
	SOD-923	T2R	VMN2M	—	1006	0.37	Embossed tape	Cathode on sprocket hole side	8,000
								Embossed tape	Cathode on sprocket hole side
	SOD-523	T2N	EMD2	SC-79	1608	0.6	Embossed tape	Cathode on sprocket hole side	8,000
								Embossed tape	Non-direction
	SOT-416FL	TL	EMD3F	SC-89	1616	0.7	Embossed tape	One terminal on sprocket hole side	3,000
	DSN2012-2	T7R	SMD2012	—	2012	0.3	Embossed tape	Cathode on sprocket hole side	7,000
	SOD-323FL	TE-17	UMD2	SC-90A	25125	0.7	Embossed tape	Cathode on sprocket hole side	3,000
	SOT-323	T106	UMD3	SC-70	2120	0.9	Embossed tape	One terminal on sprocket hole side	3,000
	SOT-323FL	TL	UMD3F	SC-85	2120	0.9	Embossed tape	One terminal on sprocket hole side	3,000
	SOT-23	T116	SSD3	—	2429	0.95	Embossed tape	One terminal on sprocket hole side	3,000
	SOD-323HE	TR	TUMD2M	SC-108B	2514	0.6	Embossed tape	Cathode on sprocket hole side	3,000
			TUMD2SM	—	2514	0.6	Embossed tape	Cathode on sprocket hole side	3,000
	(PMDE)	TR	PMDE	—	2513	0.95	Embossed tape	Cathode on sprocket hole side	3,000
(SOD-123FL)	TR	PMDU	SC-109B	3516	0.8	Embossed tape	Cathode on sprocket hole side	3,000	
(SOD-128)	TR	PMDTM	—	4725	0.95	Embossed tape	Cathode on sprocket hole side	3,000	
DO-214AC (SMA)	TE25	PMDS	—	5026	2	Embossed tape	Cathode on sprocket hole side	1,500	
(TO-252GE) (DPAK)	TL	TO-252GE	SC-63	9866	2.3	Embossed tape	Fin on sprocket hole side	2,500	
(TO-252) (DPAK)	TL	—	SC-63	10066	2.2	Embossed tape	Fin on sprocket hole side	2,500	
(TO-263S) (D2PAK)	TL	LPDS	SC-83	131101	4.5	Embossed tape	Fin on sprocket hole side	1,000	
(TO-263L) (D2PAK)	TL	LPDL	SC-83	151101	4.5	Embossed tape	Fin on sprocket hole side	1,000	
Through Hole type	(TO-220FN)	C9	TO-220FN	—	29×10	4.5	Stick	box	1,000
	(TO-220NFM)	C9	TO-220NFM	—	29×10	4.5	Stick	box	1,000
	(TO-220AC)	C9	TO-220AC	—	28.56×10.2	4.5	Stick	box	1,000
	(TO-220ACFP)	C9	TO-220ACFP	—	28.56×10.2	4.5	Stick	box	1,000
	(TO-247-2L)	C13	TO-247GE-2L	—	41.0×15.9	5.0	Stick	box	600
	(TO-247-3L)	C13	TO-247GE-3L	—	41.0×15.9	5.0	Stick	box	600

注：封装采用JEDEC表示。()内表示ROHM封装，〈 〉内表示GENERAL代码。