

Diodes			
Schottky Barrier Diodes	P.191	Fast Recovery Diodes	P.204
Rectifier Diodes	P.208	Zener Diodes	P.209
Protection Devices	P.211	Bi-Directional Zener Diodes	P.211
TVS	P.212	Switching Diodes	P.215
High Frequency Diodes	P.216	Packages	P.217
Product No. Explanation	P.219		

Schottky Barrier Diodes

● Quick Reference for Small Signal Type Schottky Barrier Diodes

V _R (V)	I _o (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)	
20	2,000							RAS MID™ RB061QS-20	5		
30	30									RB751CM-40	8
	100	RAS MID™ <i>New</i> RB522FS-30	1	RAS MID™ RB522ES-30	2					RB520CM-30 RB521CM-30 RB530CM-30 RB531CM-30	9 10 11 12
	200					RAS MID™ RB520HS-30	3	RAS MID™ RB532HS-30	4		
40	100									RB530CM-40 RB531CM-40 RB520CM-40 RB521CM-40	13 14 15 16
	1,000							RAS MID™ RB161QS-40	6		
	1,500							<i>New</i> RAS MID™ RB160QS-40	7		
60	100									RB530CM-60 RB520CM-60	17 18

©RAS MID™: ROHM's proprietary new method that enables superior dimensional precision, making it possible to develop the ultra-compact products.
 RAS MID™ is a trademark or a registered trademark of ROHM Co., Ltd.
 Note: Package is JEDEC code. (): ROHM Packages.

Schottky Barrier Diodes

● Quick Reference for Small Signal Type Schottky Barrier Diodes

V _R (V)	I _o (mA)	Surface Mount type															
		1608 size		2512 size		2514 size		1616 size		2120 size		2924 size					
		SOD-523 (EMD2)		SOD-323FL (UMD2)		SOD-323HE (TUMD2M)		SOT-416FL (EMD3F)		SOT-323FL (UMD3F)		SOT-323 (UMD3)		SOT-23 (SSD3)			
20	500		RB551VM-30	37	RB411VAM-50	62											
	700										RB461FM	117					
	1,000				RB162VAM-20	63											
	2,000				RB161VAM-20	64											
30	30	RB751SM-40	19	RB751VM-40	38												
	100	RB510SM-30	20	RB510VM-30	39			RB548WM	108								
		RB511SM-30	21	RB530VM-30	40			RB557WM	102								
		RB500SM-30	22	RB511VM-30	41			RB558WM	109								
		RB501SM-30	23	RB531VM-30	42												
	200	RB520SM-30	24	RB520VM-30	43										BAT54CHY	100	
		RB521SM-30	25	RB521VM-30	44										BAT54AHY	106	
		RB530SM-30	26	RB540VM-30	45										BAT54SHY	113	
		RB531SM-30	27	RB541VM-30	46										BAT54HY	119	
	500	RB550VM-30	47	RSX051VAM30	67												
		RSX051VYM30	68														
		RSX071VAM30	69														
RSX071VYM30		70															
RB168VAM-30		71															
RB168VYM-30		72															
1,000	RB550VAM-30	73															
	RB550VYM-30	74															
	RSX101VAM30	75															
	RSX101VYM30	76															
1,500	RSX201VAM30	77															
	RSX201VYM30	78															
40	30						RB715WM	96	RB715UM	97	RB706FM-40	105					
	RB706WM-40	110					RB717UM	103	RB715FM-40	109							
	80										RB508FM-40	118					
	RB508FM-40S	112									RB508FM-40A	104					
	RB508FM-40C	98															
	100	RB510SM-40	28	RB510VM-40	48												
	RB511SM-40	29	RB511VM-40	49													
	RB530SM-40	30	RB530VM-40	50					RB451UM	115							
	RB531SM-40	31	RB531VM-40	51					RB450UM	116							
	RB500VM-40	52															
RB501VM-40	53												BAS40-05HY	101			
200	RB540SM-40	32	RB540VM-40	54										BAS40-06HY	107		
	RB541SM-40	33	RB541VM-40	55										BAS40-04HY	114		
	RB520SM-40	34	RB520VM-40	56										BAS40HY	120		
	RB521SM-40	35	RB521VM-40	57													
	RB550VM-40	58															
	RB551VM-40	59															
	500	RB560VM-40	60	RB400VAM-50	79												
	RB561VM-40	61	RB400VYM-50	80													
1,000	RB160VAM-40	81															
	RB160VYM-40	82															
	RB168VAM-40	83															
	RB168VYM-40	84															
60	200	RB521SM-60	36														
	1,000				RB160VAM-60	85											
90	200				RB168VAM-60	86											
					RB168VYM-60	87											
100	700				RB021VAM90	88											
	1,000				RB578VAM100	89											
150	500				RB578VYM100	90											
	1,000				RB168VAM100	91											
					RB168VYM100	92											
					RB558VAM150	93											
					RB168VAM150	94											
					RB168VYM150	95											

Note: Package is JEDEC code. (): ROHM Packages.

Schottky Barrier Diodes

Schottky Barrier Diodes

Example: **R B 7 5 1 S M - 4 0 F H T 2 R**
Part No. Grade Code Taping Code

Small Signal Type Schottky Barrier Diodes 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	New RAS MID™ RB522FS-30	—		T27R	30	30	100	0.5	0.37	10	7	10	DSN0402-2 (SMD0402)		—	
2	RAS MID™ RB522ES-30	—		T15R	30	30	100	0.5	0.37	10	7	10	DSN0603-2 (SMD0603)		—	
3	RAS MID™ RB520HS-30	—		T15R	30	30	200	1.5	0.43	10	0.3	10	DSN0603-2 (SMD0603B)		—	
4	RAS MID™ RB532HS-30	—		T15R	30	30	200	1.5	0.3	10	15	10			—	
5	RAS MID™ RB061QS-20	—		T18R	20	20	2,000	15	0.47	2,000	200	10	DSN1006-2 (SMD1006)		—	
6	RAS MID™ RB161QS-40	—		T18R	40	40	1,000	7	0.6	1,000	100	10			—	
7	New RAS MID™ 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	RB751SM-40	FH		T2R	40	30	30	0.2	0.37	1	0.5	30		SOD-523 (EMD2)		YES
20	RB510SM-30	—		T2R	30	30	100	0.5	0.46	10	0.3	10				—
21	RB511SM-30	—		T2R	30	30	100	0.5	0.37	10	7	10				—
22	RB500SM-30	FH		T2R	30	30	100	1	0.45	10	0.5	10				YES
23	RB501SM-30	FH		T2R	30	30	100	1	0.35	10	10	10				YES
24	RB520SM-30	FH		T2R	—	30	200	1	0.58	200	1	10				YES
25	RB521SM-30	FH		T2R	—	30	200	1	0.47	200	30	10				YES
26	RB530SM-30	FH		T2R	—	30	200	1	0.45	10	0.5	10			YES	
27	RB531SM-30	FH		T2R	—	30	200	1	0.35	10	10	10			YES	
28	RB510SM-40	FH		T2R	40	40	100	0.5	0.48	10	2	40			YES	
29	RB511SM-40	—		T2R	40	40	100	0.5	0.41	10	25	40			—	
30	RB530SM-40	FH		T2R	40	40	100	1	0.71	100	15	40			YES	
31	RB531SM-40	—		T2R	40	40	100	1	0.61	100	100	40			—	
32	RB540SM-40	—		T2R	40	40	200	1	0.71	100	15	40			—	
33	RB541SM-40	—		T2R	40	40	200	1	0.61	100	100	40		—		
34	RB520SM-40	FH		T2R	45	40	200	1	0.55	100	10	40		YES		
35	RB521SM-40	FH		T2R	45	40	200	1	0.54	200	90	40		YES		
36	RB521SM-60	FH		T2R	60	60	200	1	0.6	200	100	60		YES		
37	RB551VM-30	—		TE-17	30	20	500	2	0.47	500	100	20	SOD-323FL (UMD2)		—	
38	RB751VM-40	FH		TE-17	40	30	30	0.2	0.37	1	0.5	30			YES	
39	RB510VM-30	FH		TE-17	30	30	100	0.5	0.46	10	0.3	10			YES	
40	RB530VM-30	FH		TE-17	30	30	100	0.5	0.45	10	0.5	10			YES	
41	RB511VM-30	—		TE-17	30	30	100	0.5	0.37	10	7	10			—	
42	RB531VM-30	—		TE-17	30	30	100	1	0.49	100	10	10			—	

© RAS MID™: ROHM's proprietary new method that enables superior dimensional precision, making it possible to develop the ultra-compact products.

RAS MID™ is a trademark or a registered trademark of ROHM Co., Ltd.

*General Part No. have no grade code.

*1 I_O: Average output current per chip. In case of 1, 2 or 3 chip diodes. I_O indicates average output current of 1, 2 or 3 chips.

*2 Value/Chip

Note: Package is JEDEC code. (): ROHM Packages.

Schottky Barrier Diodes

Small Signal type Schottky Barrier Diodes 2																	
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														
43	RB520VM-30		FH	TE-17	30	30	200	1	0.58	200	1	10	SOD-323FL (UMD2)		YES		
44	RB521VM-30		FH	TE-17	30	30	200	1	0.47	200	30	10			YES		
45	RB540VM-30		-	TE-17	30	30	200	1	0.45	10	0.5	10			-		
46	RB541VM-30		-	TE-17	30	30	200	1	0.64	200	10	10			-		
47	RB550VM-30		-	TE-17	30	30	500	1	0.59	500	35	30			-		
48	RB510VM-40		-	TE-17	40	40	100	0.5	0.48	10	2	40			-		
49	RB511VM-40		-	TE-17	40	40	100	0.5	0.41	10	25	40			-		
50	RB530VM-40		FH	TE-17	40	40	100	1	0.69	100	15	40			YES		
51	RB531VM-40		-	TE-17	40	40	100	1	0.61	100	100	40			-		
52	RB500VM-40		FH	TE-17	45	40	100	1	0.45	10	1	10			YES		
53	RB501VM-40		FH	TE-17	45	40	100	1	0.55	100	30	10			YES		
54	RB540VM-40		-	TE-17	40	40	200	1	0.71	100	15	40			-		
55	RB541VM-40	*	-	TE-17	40	40	200	1	0.61	100	100	40			-		
56	RB520VM-40		FH	TE-17	40	40	200	1	0.55	100	10	40			YES		
57	RB521VM-40		FH	TE-17	40	40	200	1	0.54	200	90	40			YES		
58	RB550VM-40		-	TE-17	40	40	200	1	0.51	200	40	40			-		
59	RB551VM-40		FH	TE-17	40	40	200	1	0.43	200	300	40			YES		
60	RB560VM-40		FH	TE-17	40	40	500	2	0.64	500	40	40			YES		
61	RB561VM-40		-	TE-17	40	40	500	2	0.56	500	300	40			-		
62	RB411VAM-50		-	TR	50	20	500	3	0.5	500	30	10			SOD-323HE (TUMD2M)		-
63	RB162VAM-20		-	TR	25	20	1,000	5	0.4	1,000	1,200	20					-
64	RB161VAM-20		-	TR	30	20	1,000	5	0.42	1,000	1,000	20					-
65	RBE1VAM20A		-	TR	30	20	1,000	3	0.53	1,000	200	20					-
66	RBE2VAM20A		-	TR	30	20	2,000	5	0.46	2,000	700	20					-
67	RSX051VAM30		-	TR	30	30	500	5	0.39	500	200	30					-
68	RSX051VYM30	-	FH	TR	30	30	500	5	0.39	500	200	30					YES
69	RSX071VAM30	*	-	TR	30	30	700	5	0.42	700	200	30					-
70	RSX071VYM30	-	FH	TR	30	30	700	5	0.42	700	200	30					YES
71	RB168VAM-30	*	-	TR	30	30	1,000	5	0.73	1,000	0.3	30					-
72	RB168VYM-30	-	FH	TR	30	30	1,000	5	0.73	1,000	0.3	30					YES
73	RB550VAM-30	*	-	TR	30	30	1,000	5	0.52	1,000	30	10			-		
74	RB550VYM-30	-	FH	TR	30	30	1,000	3	0.52	1,000	30	10	YES				
75	RSX101VAM30	*	-	TR	30	30	1,000	5	0.47	1,000	200	30	-				
76	RSX101VYM30	-	FH	TR	30	30	1,000	5	0.47	1,000	200	30	YES				
77	RSX201VAM30	*	-	TR	30	30	1,500	8	0.46	1,500	300	30	-				
78	RSX201VYM30	-	FH	TR	30	30	1,500	8	0.46	1,500	300	30	YES				
79	RB400VAM-50	*	-	TR	50	40	500	3	0.55	500	50	30	-				
80	RB400VYM-50	-	FH	TR	50	40	500	3	0.55	500	50	30	YES				
81	RB160VAM-40	*	-	TR	40	40	1,000	10	0.55	700	50	40	-				
82	RB160VYM-40	-	FH	TR	40	40	1,000	10	0.55	700	50	40	YES				
83	RB168VAM-40	*	-	TR	40	40	1,000	5	0.79	1,000	0.5	40	-				

*General Part No. have no grade code.














 *1 I_O: Average output current per chip. In case of 1, 2 or 3 chip diodes. I_O indicates average output current of 1, 2 or 3 chips.

*2 Value/Chip

Note: Package is JEDEC code. (): ROHM Packages.

Schottky Barrier Diodes

Example: **R B 1 6 8 V Y M - 6 0 F H T R**
Part No. Grade Code Taping Code

Small Signal type Schottky Barrier Diodes 3																	
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														
84	RB168VYM-40	—	FH	TR	40	40	1,000	5	0.79	1,000	0.5	40	SOD-323HE (TUMD2M)		YES		
85	RB160VAM-60	*	—	TR	60	60	1,000	5	0.67	1,000	40	60			—		
86	RB168VAM-60	*	—	TR	60	60	1,000	5	0.82	1,000	1	60			—		
87	RB168VYM-60	—	FH	TR	60	60	1,000	5	0.82	1,000	1	60			YES		
88	RB021VAM90	*	—	TR	90	90	200	5	0.49	200	900	90			—		
89	RB578VAM100	*	—	TR	100	100	700	5	0.85	700	0.2	100			—		
90	RB578VYM100	—	FH	TR	100	100	700	5	0.85	700	0.2	100			YES		
91	RB168VAM100	*	—	TR	100	100	1,000	5	0.84	1,000	0.3	100			—		
92	RB168VYM100	—	FH	TR	100	100	1,000	5	0.84	1,000	0.3	100			YES		
93	RB558VAM150	*	—	TR	150	150	500	3	0.95	500	0.5	150			—		
94	RB168VAM150	*	—	TR	150	150	1,000	5	0.89	1,000	1	150			—		
95	RB168VYM150	—	FH	TR	150	150	1,000	5	0.89	1,000	1	150			YES		
96	RB715WM	—	FH	TL	40	40	30*2	0.2	0.37	1	1	10			SOT-416FL (EMD3F)		YES
97	RB715UM	—	—	TL	40	40	30	0.2	0.37	1	1	10			SOT-323FL (UMD3F)		—
98	RB508FM-40C	—	FH	T106	40	40	80	1	0.48	1	0.035	30			SOT-323 (UMD3)		YES
99	RB715FM-40	—	FH	T106	40	40	30	0.2	0.37	1	1	10	YES				
100	BAT54CHY	—	FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES		
101	BAS40-05HY	—	FH	T116	40	40	120*2	0.6	0.5	10	1	30			YES		
102	RB557WM	—	—	TL	—	30	100*2	0.5	0.49	100	10	10	SOT-416FL (EMD3F)		—		
103	RB717UM	—	—	TL	45	40	30*2	0.2	0.37	1	1	30	SOT-323FL (UMD3F)		—		
104	RB508FM-40A	—	FH	T106	40	40	80	1	0.48	1	0.035	30	SOT-323 (UMD3)		YES		
105	RB706FM-40	—	FH	T106	45	40	30	0.2	0.37	1	1	30			YES		
106	BAT54AHY	—	FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES		
107	BAS40-06HY	—	FH	T116	40	40	120*2	0.6	0.5	10	1	30			YES		
108	RB548WM	*	—	TL	—	30	100*2	0.5	0.45	10	0.5	10	SOT-416FL (EMD3F)		—		
109	RB558WM	—	—	TL	—	30	100*2	0.5	0.49	100	10	10			—		
110	RB706WM-40	—	—	TL	45	40	30*2	0.2	0.37	1	0.5	30			—		
111	RB706UM-40	—	—	TL	45	40	30*2	0.2	0.37	1	1	30	SOT-323FL (UMD3F)		—		
112	RB508FM-40S	—	FH	T106	40	40	80	1	0.48	1	0.035	30	SOT-323 (UMD3)		YES		
113	BAT54SHY	—	FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES		
114	BAS40-04HY	—	FH	T116	40	40	120*2	0.6	0.5	10	1	30			YES		
115	RB451UM	—	—	TL	40	40	100	1	0.45	100	90	40	SOT-323FL (UMD3F)		—		
116	RB450UM	—	—	TL	45	40	100	1	0.55	100	10	40			—		
117	RB461FM	—	FH	T106	25	20	700	3	0.49	700	200	20	SOT-323 (UMD3)		YES		
118	RB508FM-40	—	FH	T106	40	40	80	1	0.48	1	0.035	30			YES		
119	BAT54HY	—	FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES		
120	BAS40HY	—	FH	T116	40	40	120	0.6	0.5	10	1	30			YES		

*General Part No. have no grade code.

*1 I_O: Average output current per chip. In case of 1, 2 or 3 chip diodes. I_O indicates average output current of 1, 2 or 3 chips.

*2 Value/Chip

Note: Package is JEDEC code. (): ROHM Packages.

Schottky Barrier Diodes

●Quick Reference for Middle Power Schottky Barrier Diodes (High Efficient type)

V _R (V)	I _o (A)	Surface Mount type											
		2513 size		3516 size				4725 size			5026 size		
		(PMDE)		(PMDU) (SOD-123FL)				(PMDTM) (SOD-128)			DO-214AC (PMDS) (SMA)		
Low I _R type		Ultra Low V _F type		Low I _R type		Ultra Low V _F type		Low I _R type		Ultra Low V _F type			
20	5							RSX501LAM20	2				
30	1			RSX101MM-30	1								
	2							RSX201LAM30	3			RSX201L-30	6
	3							RSX205LAM30	4			RSX205L-30	7
100	2	New RBLQ2VWM10	9			New RBLQ2MM10	10	RSX301LAM30	5			RSX301L-30	8
	3									New RBLQ3LAM10	11		

Note: Package is JEDEC code. (): ROHM Packages. (<): GENERAL code.

●Quick Reference for Middle Power Schottky Barrier Diodes (Standard type)

V _R (V)	I _o (A)	Surface Mount type																			
		2513 size		3516 size				4725 size			5026 size										
		(PMDE)		(PMDU) (SOD-123FL)				(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											
20	1			RBS1MM40A	12			RBS1LAM40A	18												
	2			RBS2MM40A	13			RBS2LAM40A	19												
				RBS2MM40B	14			RBS2LAM40B	20												
				RBS2MM40C	15			RBS2LAM40C	21												
	3			RBS3MM40A	16			RBS3LAM40A	22												
30	1			RBR1MM30A	32	RB168MM-30	97			RBR1LAM30A	48	RB168LAM-30	107	RBR1L30A	66	RB168L-30	127				
				RBR2MM30A	33	RB068MM-30	98			RBR2LAM30A	49	RB068LAM-30	108	RBR2L30A	67	RB068L-30	128				
	2			RBR2MM30B	34					RBR3LAM30A	50			RBR3L30A	68						
				RBR2MM30C	35					RBR3LAM30B	51	RB058LAM-30	109	RBR3L30B	69	RB058L-30	129				
				RBR3MM30A	35					RBR5LAM30A	52			RBR5L30A	70						
5								RBR5LAM30B	53	RB088LAM-30	110	RBR5L30B	71								
40	1	RBR1VWM40A	28	RB168VWM-40	89			RBR1MM40A	36	RB168MM-40	99			RBR1LAM40A	54	RB168LAM-40	111	RBR1L40A	72	RB168L-40	130
	2			RBR2MM40A	37			RBR2MM40A	37					RBR2LAM40A	55	RB068LAM-40	112	RBR2L40A	73	RB068L-40	131
				RBR2MM40B	38			RBR2MM40B	38	RB068MM-40	100			RBR3LAM40A	56			RBR3L40A	74		
				RBR2MM40C	39			RBR2MM40C	39					RBR3LAM40B	57	RB058LAM-40	113	RBR3L40B	75	RB058L-40	132
	3			RBR3MM40A	40			RBR3MM40A	40					RBR3LAM40C	58			RBR3L40C	76		
5			RBR3MM40B	41			RBR3MM40B	41					RBR5LAM40A	59	RB088LAM-40	114	RBR5L40A	77			
60	1	RBR1VWM60A	30	RB168VWM-60	91			RBR1MM60A	42	RB168MM-60	101			RBR1LAM60A	60	RB168LAM-60	115	RBR1L60A	78	RB168L-60	133
	2			RBR2MM60A	43			RBR2MM60A	43					RBR2LAM60A	61			RBR2L60A	79		
				RBR2MM60B	44			RBR2MM60B	44	RB068MM-60	102			RBR2LAM60B	62	RB068LAM-60	116	RBR2L60B	80	RB068L-60	134
				RBR2MM60C	45			RBR2MM60C	45					RBR3LAM60A	63			RBR3L60A	81		
	3			RBR3MM60A	46			RBR3MM60A	46					RBR3LAM60B	64	RB058LAM-60	117	RBR3L60B	82	RB058L-60	135
5			RBR3MM60B	47			RBR3MM60B	47					RBR5LAM60A	65	RB088LAM-60	118	RBR5L60A	83			
90	1							RB160MM-90	85					RB160LAM-90	86			RB160L-90	84		
100	1			RB168VWM100	93									RB168LAM100	119			RB168L100	136		
	2			RB068VWM100	94									RB068LAM100	120			RB068L100	137		
	3													RB058LAM100	121						
	4													RB088LAM100	122						
	5																				
150	1			RB168VWM150	95									RB168LAM150	123			RB168L150	138		
	2			RB068VWM150	96									RB068LAM150	124			RB068L150	139		
	3													RB058LAM150	125			RB058L150	140		
	4																				
	5													RB088LAM150	126						
200																					

Note: Package is JEDEC code. (): ROHM Packages. (<): GENERAL code.

☆: Under Development

Schottky Barrier Diodes

Schottky Barrier Diodes

Example: **RSX101MM-30** **TF** **TR**
Part No. Grade Code Taping Code

Middle Power Schottky Barrier Diodes (High Efficient type)																		
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	Grade Code 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)						
Ultra Low V_F type																		
1	RSX101MM-30	*	TF	TR	30	30	1	45	0.39	1	0.2	30	(PMDU) (SOD-123FL)		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					
Low I_R type																		
9	New RBLQ2VWM10	*	TF	TR	100	100	2	30	0.77	2	0.01	100	(PMDE)		YES			
10	New RBLQ2MM10	*	TF	TR	100	100	2	30	0.77	2	0.01	100	(PMDU) (SOD-123FL)		YES			
11	New RBLQ3LAM10	*	TF	TR	100	100	3	80	0.64	3	0.03	100	(PMDTM) (SOD-128)		YES			
Middle Power Schottky Barrier Diodes (Standard type) 1																		
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	Grade Code 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)						
Ultra Low V_F type																		
12	RBS1MM40A	*	—	TR	40	20	1	25	0.38	1	0.4	20	(PMDU) (SOD-123FL)		—			
13	RBS2MM40A		—	TR	40	20	2	25	0.48	2	0.4	20			—			
14	RBS2MM40B		—	TR	40	20	2	35	0.41	2	0.5	20			—			
15	RBS2MM40C		—	TR	40	20	2	45	0.39	2	0.6	20			—			
16	RBS3MM40A		—	TR	40	20	3	35	0.49	3	0.5	20			—			
17	RBS3MM40B		—	TR	40	20	3	45	0.45	3	0.6	20			—			
18	RBS1LAM40A	*	—	TR	40	20	1	40	0.38	1	0.4	20	(PMDTM) (SOD-128)		—			
19	RBS2LAM40A		—	TR	40	20	2	40	0.48	2	0.4	20			—			
20	RBS2LAM40B		—	TR	40	20	2	50	0.41	2	0.5	20			—			
21	RBS2LAM40C		—	TR	40	20	2	80	0.37	2	0.8	20			—			
22	RBS3LAM40A		—	TR	40	20	3	50	0.49	3	0.5	20			—			
23	RBS3LAM40B		—	TR	40	20	3	60	0.45	3	0.6	20			—			
24	RBS3LAM40C		—	TR	40	20	3	80	0.4	3	0.8	20			—			
25	RBS5LAM40A		—	TR	40	20	5	80	0.49	5	0.8	20			—			
Low V_F type																		
26	RBR1VWM30A	*	TF	TR	30	30	1	30	0.48	1	0.05	30	(PMDE)		YES			
27	RBR2VWM30A		TF	TR	30	30	2	30	0.53	2	0.05	30			YES			
28	RBR1VWM40A		TF	TR	40	40	1	20	0.52	1	0.05	40			YES			
29	RBR2VWM40A		TF	TR	40	40	2	20	0.62	2	0.05	40			YES			
30	RBR1VWM60A		TF	TR	60	60	1	20	0.53	1	0.075	60			YES			
31	RBR2VWM60A		TF	TR	60	60	2	20	0.65	2	0.075	60			YES			
32	RBR1MM30A	*	TF	TR	30	30	1	30	0.48	1	0.05	30	(PMDU) (SOD-123FL)		YES			
33	RBR2MM30A		TF	TR	30	30	2	30	0.53	2	0.05	30			YES			
34	RBR2MM30B		TF	TR	30	30	2	30	0.49	2	0.08	30			YES			
35	RBR3MM30A		TF	TR	30	30	3	30	0.51	3	0.1	30			YES			
36	RBR1MM40A		TF	TR	40	40	1	20	0.52	1	0.05	40			YES			
37	RBR2MM40A		TF	TR	40	40	2	20	0.62	2	0.05	40			YES			
38	RBR2MM40B		TF	TR	40	40	2	30	0.55	2	0.08	40			YES			
39	RBR2MM40C		TF	TR	40	40	2	30	0.52	2	0.1	40			YES			
40	RBR3MM40A		TF	TR	40	40	3	30	0.62	3	0.08	40			YES			
41	RBR3MM40B		TF	TR	40	40	3	30	0.58	3	0.1	40			YES			
42	RBR1MM60A		TF	TR	60	60	1	20	0.53	1	0.075	60			YES			
43	RBR2MM60A		TF	TR	60	60	2	20	0.65	2	0.075	60			YES			
44	RBR2MM60B		TF	TR	60	60	2	30	0.58	2	0.1	60			YES			
45	RBR2MM60C		TF	TR	60	60	2	30	0.55	2	0.12	60			YES			
46	RBR3MM60A		TF	TR	60	60	3	30	0.66	3	0.1	60			YES			
47	RBR3MM60B		TF	TR	60	60	3	30	0.61	3	0.12	60			YES			
48	RBR1LAM30A		*	TF	TR	30	30	1	40	0.48	1	0.05			30	(PMDTM) (SOD-128)		YES
49	RBR2LAM30A			TF	TR	30	30	2	45	0.49	2	0.08			30			YES
50	RBR3LAM30A	TF		TR	30	30	3	40	0.58	3	0.05	30	YES					
51	RBR3LAM30B	TF		TR	30	30	3	45	0.53	3	0.08	30	YES					
52	RBR5LAM30A	TF		TR	30	30	5	75	0.54	5	0.1	30	YES					
53	RBR5LAM30B	TF		TR	30	30	5	100	0.49	5	0.15	30	YES					
54	RBR1LAM40A	TF		TR	40	40	1	40	0.52	1	0.05	40	YES					
55	RBR2LAM40A	TF		TR	40	40	2	45	0.55	2	0.08	40	YES					
56	RBR3LAM40A	TF		TR	40	40	3	40	0.69	3	0.05	40	YES					
57	RBR3LAM40B	TF		TR	40	40	3	45	0.62	3	0.08	40	YES					
58	RBR3LAM40C	TF		TR	40	40	3	75	0.55	3	0.1	40	YES					
59	RBR5LAM40A	TF		TR	40	40	5	100	0.53	5	0.2	40	YES					
60	RBR1LAM60A	TF		TR	60	60	1	40	0.53	1	0.075	60	YES					
61	RBR2LAM60A	TF		TR	60	60	2	40	0.65	2	0.075	60	YES					
62	RBR2LAM60B	TF		TR	60	60	2	75	0.52	2	0.15	60	YES					
63	RBR3LAM60A	TF		TR	60	60	3	45	0.66	3	0.1	60	YES					
64	RBR3LAM60B	TF		TR	60	60	3	75	0.56	3	0.15	60	YES					
65	RBR5LAM60A	TF		TR	60	60	5	100	0.55	5	0.25	60	YES					

*General Part No. have no grade code.
 Note: Package is JEDEC code. (): ROHM Packages. (): GENERAL code.

Schottky Barrier Diodes

Schottky Barrier Diodes

Example: **RBR1L30A** **DD** **TE25**
Part No. Grade Code Taping Code





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

*General Part No. have no grade code.
 Note: Package is JEDEC code. () : ROHM Packages. () : GENERAL code.

☆: Under Development

Schottky Barrier Diodes



● Quick Reference for Power Schottky Barrier Diodes (High Efficient type)

V _R (V)	I _O (A)	Surface Mount type					
							
		(TO-252GE) (DPAK) Low I _R type	TO-252 (DPAK) Low I _R type	TO-263L (D2PAK) Low I _R type	TO-277A (TO-277GE) Low I _R type		
100	10				New RBLQ10RSM10	1	
	20	New RBLQ20BGE10	2	New RBLQ20BM10	3	☆RBLQ20NL10S ☆RBLQ20NL10C	4 6
	30				☆RBLQ30NL10S	5	

Note: Package is JEDEC code. () : ROHM Packages. (<) : GENERAL code.

☆: Under Development





● Quick Reference for Power Schottky Barrier Diodes (Standard type) 1

V _R (V)	I _O (A)	Surface Mount type							
									
		(TO-252GE) (DPAK) Low V _F type		Low I _R type	Ultra Low I _R type	(TO-252) (DPAK) Low V _F type		Low I _R type	Ultra Low I _R type
30	5			RB078BGE30S	82			RB078BM30S	93
	6			RB098BGE-30	83			RB098BM-30	94
	10	RBR10BGE30A	7	RB088BGE-30	84	RBR10BM30A	16	RB088BM-30	95
	15	RBR15BGE30A	8			RBR15BM30A	17		
	20	RBR20BGE30A	9			RBR20BM30A	18		
	30								
40	6			RB098BGE-40	85			RB098BM-40	96
	10	RBR10BGE40A	10	RB088BGE-40	86	RBR10BM40A	19	RB088BM-40	97
	15	RBR15BGE40A	11			RBR15BM40A	20		
	20	RBR20BGE40A	12			RBR20BM40A	21		
	30								
45	10		RBQ10BGE45A	46			RBQ10BM45A	54	
	15		RBQ15BGE45A	47			RBQ15BM45A	55	
	16								
	20		RBQ20BGE45A	48			RBQ20BM45A	56	
	30								
60	6			RB098BGE-60	87			RB098BM-60	98
	10	RBR10BGE60A	13	RB088BGE-60	88	RBR10BM60A	22	RB088BM-60	99
	15	RBR15BGE60A	14			RBR15BM60A	23		
	20	RBR20BGE60A	15			RBR20BM60A	24		
	30								
65	10		RBQ10BGE65A	49			RBQ10BM65A	57	
	15		RBQ15BGE65A	50			RBQ15BM65A	58	
	20		RBQ20BGE65A	51			RBQ20BM65A	59	
100	6								
	10			RB098BGE100	89			RB098BM100	100
	15	New RBQ10BGE10A	52	RB088BGE100	90		RBQ10BM100A	60	RB088BM100
	20	New RBQ15BGE10A	53				RBQ15BM100A	61	
	30						RBQ20BM100A	62	
150	6			RB098BGE150	91			RB098BM150	102
	10			RB088BGE150	92			RB088BM150	103
	20								
	30								
200	10							RB088BM200	104
	20							RB218BM200	105

Note: Package is JEDEC code. () : ROHM Packages. (<) : GENERAL code.

Schottky Barrier Diodes

● Quick Reference for Power Schottky Barrier Diodes (Standard type) 2

V _R (V)	I _O (A)	Surface Mount type				Through Hole type					
											
		(TO-263S) (D2PAK)		TO-263L (D2PAK)		(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	5										
	6										
	10	RBR10NS30A	25		RB088NS-30	106	RBR10T30A	37	RB088T-30	129	
	15										
	20	RBR20NS30A	26		RB218NS-30	107	RBR20T30A	38	RB218T-30	130	
	30	RBR30NS30A	27		RB228NS-30	108	RBR30T30A	39	RB228T-30	131	
40	40	RBR40NS30A	28		RB238NS-30	109			RB238T-30	132	
	6										
	10	RBR10NS40A	29		RB088NS-40	110	RBR10T40A	40	RB088T-40	133	
	15										
	20	RBR20NS40A	30		RB218NS-40	111	RBR20T40A	41	RB218T-40	134	
	30	RBR30NS40A	31		RB228NS-40	112	RBR30T40A	42	RB228T-40	135	
45	40	RBR40NS40A	32		RB238NS-40	113			RB238T-40	136	
	10		RBQ10NS45A	63		☆RBQ10NL45B	73	RBQ10T45A	75		
	15										
	16					☆RBQ16NL45B	74				
	20		RBQ20NS45A	64				RBQ20T45A	76		
60	30		RBQ30NS45A	65				RBQ30T45A	77	RBQ30TB45B	81
	40		RBQ30NS45B	72							
	6										
	10	RBR10NS60A	33		RB088NS-60	114	RBR10T60A	43	RB088T-60	137	
	15				RB218NS-60	115			RB218T-60	138	
65	20	RBR20NS60A	34		RB228NS-60	116	RBR20T60A	44	RB228T-60	139	
	30	RBR30NS60A	35		RB238NS-60	117	RBR30T60A	45	RB238T-60	140	
	40	RBR40NS60A	36								
	10		RBQ10NS65A	66				RBQ10T65A	78		
	15										
90	20		RBQ20NS65A	67				RBQ20T65A	79		
	30		RBQ30NS65A	68				RBQ30T65A	80		
	6										
100	10										
	15		RBQ10NS100A	69	RB088NS100	118			RB088T100	141	
	20		RBQ20NS100A	70	RB218NS100	119			RB218T100	142	
	30		RBQ30NS100A	71	RB228NS100	120			RB228T100	143	
	40				RB298NS100	121			RB298T100	144	
150	40			RB238NS100	122				RB238T100	145	
	6										
	10				RB088NS150	123			RB088T150	146	
	20				RB218NS150	124			RB218T150	147	
	30				RB228NS150	125			RB228T150	148	
200	40				RB238NS150	126			RB238T150	149	
	10				RB088NS200	127					
	20				RB218NS200	128					

Note: Package is JEDEC code. (): ROHM Packages. (<): GENERAL code.

☆: Under Development

Schottky Barrier Diodes

Schottky Barrier Diodes
 Example: **RBLQ20BM10FHTL**
Part No. Grade Code Taping Code

Power Schottky Barrier Diodes (High Efficient type)															
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												
Low I_R type															
1	New RBLQ10RSM10	*	TF	TL	100	100	10	200	0.67	10	0.08	100	TO-277A (TO-277GE)		YES
2	New RBLQ20BGE10	*	-	TL	100	100	20	150	0.86	20	0.08	100	(TO-252GE) (DPAK)		-
3	New RBLQ20BM10	-	FH	TL	100	100	20	150	0.86	20	0.08	100	TO-252 (DPAK)		YES
4	☆ RBLQ20NL10S	*	FH	TL	100	100	20	200	0.86	20	0.08	100	TO-263L (D2PAK)		YES
5	☆ RBLQ30NL10S		FH	TL	100	100	30	200	0.86	30	0.15	100			YES
6	☆ RBLQ20NL10C		FH	TL	100	100	20	150	0.71	10	0.07	100			YES
Power Schottky Barrier Diodes (Standard type) 1															
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												
Low V_F type															
7	RBR10BGE30A	*	-	TL	30	30	10	50	0.55	5	0.1	30	(TO-252GE) (DPAK)		-
8	RBR15BGE30A		-	TL	30	30	15	100	0.51	7.5	0.2	30			-
9	RBR20BGE30A		-	TL	30	30	20	100	0.51	10	0.3	30			-
10	RBR10BGE40A		-	TL	40	40	10	50	0.62	5	0.12	40			-
11	RBR15BGE40A		-	TL	40	40	15	100	0.55	7.5	0.24	40			-
12	RBR20BGE40A		-	TL	40	40	20	100	0.55	10	0.36	40			-
13	RBR10BGE60A		-	TL	60	60	10	50	0.65	5	0.2	60			-
14	RBR15BGE60A		-	TL	60	60	15	100	0.58	7.5	0.4	60			-
15	RBR20BGE60A	-	TL	60	60	20	100	0.59	10	0.6	60	-			
16	RBR10BM30A	-	FH	TL	30	30	10	50	0.55	5	0.1	30	TO-252 (DPAK)		YES
17	RBR15BM30A		FH	TL	30	30	15	100	0.51	7.5	0.2	30			YES
18	RBR20BM30A		FH	TL	30	30	20	100	0.51	10	0.3	30			YES
19	RBR10BM40A		FH	TL	40	40	10	50	0.62	5	0.12	40			YES
20	RBR15BM40A		FH	TL	40	40	15	100	0.55	7.5	0.24	40			YES
21	RBR20BM40A		FH	TL	40	40	20	100	0.55	10	0.36	40			YES
22	RBR10BM60A		FH	TL	60	60	10	50	0.65	5	0.2	60			YES
23	RBR15BM60A		FH	TL	60	60	15	100	0.58	7.5	0.4	60			YES
24	RBR20BM60A	FH	TL	60	60	20	100	0.59	10	0.6	60	YES			
25	RBR10NS30A	*	FH	TL	30	30	10	50	0.55	5	0.1	30	(TO-263S) (D2PAK)		YES
26	RBR20NS30A		FH	TL	30	30	20	100	0.55	10	0.2	30			YES
27	RBR30NS30A		FH	TL	30	30	30	100	0.55	15	0.3	30			YES
28	RBR40NS30A		FH	TL	30	30	40	100	0.52	20	0.6	30			YES
29	RBR10NS40A		FH	TL	40	40	10	50	0.62	5	0.12	40			YES
30	RBR20NS40A		FH	TL	40	40	20	100	0.62	10	0.24	40			YES
31	RBR30NS40A		FH	TL	40	40	30	100	0.62	15	0.36	40			YES
32	RBR40NS40A		FH	TL	40	40	40	100	0.55	20	0.43	40			YES
33	RBR10NS60A		FH	TL	60	60	10	50	0.65	5	0.2	60			YES
34	RBR20NS60A		FH	TL	60	60	20	100	0.64	10	0.4	60			YES
35	RBR30NS60A		FH	TL	60	60	30	100	0.67	15	0.6	60			YES
36	RBR40NS60A		FH	TL	60	60	40	100	0.6	20	0.8	60			YES
37	RBR10T30A	NZ	-	C9	30	30	10	50	0.55	5	0.1	30	(TO-220FN) <3pin>		-
38	RBR20T30A	NZ	-	C9	30	30	20	100	0.55	10	0.2	30			-
39	RBR30T30A	NZ	-	C9	30	30	30	100	0.55	15	0.3	30			-
40	RBR10T40A	NZ	-	C9	40	45	10	50	0.62	5	0.12	40			-
41	RBR20T40A	NZ	-	C9	40	45	20	100	0.62	10	0.24	40			-
42	RBR30T40A	NZ	-	C9	40	45	30	100	0.62	15	0.36	40			-
43	RBR10T60A	NZ	-	C9	60	60	10	50	0.65	5	0.2	60			-
44	RBR20T60A	NZ	-	C9	60	60	20	100	0.64	10	0.4	60			-
45	RBR30T60A	NZ	-	C9	60	60	30	100	0.67	15	0.6	60			-

*General Part No. have no grade code.
 *1 I_o: Average rectified output current per die. In case of 2 dies, I_o indicates average output current of 2 dies.
 *2 Value/Die
 Note: Package is JEDEC code. (): ROHM Packages. (<): GENERAL code.
 ☆: Under Development

Schottky Barrier Diodes

Schottky Barrier Diodes

Example: **R B Q 1 0 B M 4 5 A F H T L**
Part No. Grade Code Taping Code

Power Schottky Barrier Diodes (Standard type) 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 *1 (A)	I _{FSM} (A)*2	V _F (V) Max	I _F (A)	I _R (mA) Max	V _R (V)			
		General	Automotive												
Low I_R type															
46	RBQ10BGE45A	—	TL	45	45	10	50	0.65	5	0.07	45	(TO-252GE) (DPAK)		—	
47	RBQ15BGE45A	—	TL	45	45	15	100	0.59	7.5	0.14	45			—	
48	RBQ20BGE45A	—	TL	45	45	20	100	0.59	10	0.2	45			—	
49	RBQ10BGE65A	—	TL	65	65	10	50	0.69	5	0.07	65			—	
50	RBQ15BGE65A	—	TL	65	65	15	100	0.63	7.5	0.14	65			—	
51	RBQ20BGE65A	—	TL	65	65	20	100	0.63	10	0.2	65			—	
52	New RBQ10BGE10A	—	TL	100	100	10	100	0.77	5	0.08	100			—	
53	New RBQ15BGE10A	—	TL	100	100	15	100	0.71	7.5	0.14	100			—	
54	RBQ10BM45A	FH	TL	45	45	10	50	0.65	5	0.07	45	TO-252 (DPAK)		YES	
55	RBQ15BM45A	FH	TL	45	45	15	100	0.59	7.5	0.14	45			YES	
56	RBQ20BM45A	FH	TL	45	45	20	100	0.59	10	0.2	45			YES	
57	RBQ10BM65A	FH	TL	65	65	10	50	0.69	5	0.07	65			YES	
58	RBQ15BM65A	FH	TL	65	65	15	100	0.63	7.5	0.14	65			YES	
59	RBQ20BM65A	FH	TL	65	65	20	100	0.63	10	0.2	65			YES	
60	RBQ10BM100A	FH	TL	100	100	10	100	0.77	5	0.08	100			YES	
61	RBQ15BM100A	FH	TL	100	100	15	100	0.71	7.5	0.14	100			YES	
62	RBQ20BM100A	FH	TL	100	100	20	100	0.69	10	0.2	100	YES			
63	RBQ10NS45A	FH	TL	45	45	10	100	0.65	5	0.07	45	(TO-263S) (D2PAK)		YES	
64	RBQ20NS45A	FH	TL	45	45	20	100	0.65	10	0.14	45			YES	
65	RBQ30NS45A	FH	TL	45	45	30	100	0.65	15	0.2	45			YES	
66	RBQ10NS65A	FH	TL	65	65	10	100	0.69	5	0.07	65			YES	
67	RBQ20NS65A	FH	TL	65	65	20	100	0.69	10	0.14	65			YES	
68	RBQ30NS65A	FH	TL	65	65	30	100	0.69	15	0.2	65			YES	
69	RBQ10NS100A	FH	TL	100	100	10	100	0.77	5	0.08	100			YES	
70	RBQ20NS100A	FH	TL	100	100	20	100	0.77	10	0.14	100			YES	
71	RBQ30NS100A	FH	TL	100	100	30	100	0.77	15	0.2	100			YES	
72	RBQ30NS45B	FH	TL	45	45	30	100	0.59	30	0.7	45				YES
73	☆RBQ10NL45B	FHH	TL	45	45	10	150	0.62	10	0.1	45	TO-263L (D2PAK)		YES	
74	☆RBQ16NL45B	FHH	TL	45	45	16	150	0.61	16	0.1	45			YES	
75	RBQ10T45A	NZ	—	C9	45	45	10	100	0.65	5	0.07	(TO-220FN) <3pin>		—	
76	RBQ20T45A	NZ	—	C9	45	45	20	100	0.65	10	0.14			45	—
77	RBQ30T45A	NZ	—	C9	45	45	30	100	0.65	15	0.2			45	—
78	RBQ10T65A	NZ	—	C9	65	65	10	100	0.69	5	0.07			65	—
79	RBQ20T65A	NZ	—	C9	65	65	20	100	0.69	10	0.14			65	—
80	RBQ30T65A	NZ	—	C9	65	65	30	100	0.69	15	0.2			65	—
81	RBQ30TB45B	NZ	—	C9	45	45	30	100	0.59	30	0.7	(TO-220FN) <2pin>		—	

*General Part No. have no grade code.

*1 I_o: Average rectified output current per die. In case of 2 dies, I_o indicates average output current of 2 dies.


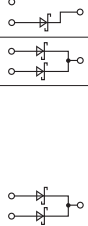


*2 Value/Die

Note: Package is JEDEC code. (): ROHM Packages. (): GENERAL code.

☆: Under Development

Schottky Barrier Diodes

Example: **R B 0 7 8 B M 3 0 S F H T L**
Part No. Grade Code Taping Code

Power Schottky Barrier Diodes (Standard type) 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~	V _F (V) Max	I _F (A)	I _R (mA) Max	V _R (V)			
		General	Automotive												
Ultra Low I_R type															
82	RB078BGE30S	*	—	TL	35	30	5	50	0.72	5	0.005	30	(TO-252GE) (DPAK)		—
83	RB098BGE-30		—	TL	35	30	6	50	0.72	3	0.0015	30			—
84	RB088BGE-30		—	TL	35	30	10	50	0.72	5	0.003	30			—
85	RB098BGE-40		—	TL	45	40	6	50	0.77	3	0.0015	40			—
86	RB088BGE-40		—	TL	45	40	10	50	0.77	5	0.003	40			—
87	RB098BGE-60		—	TL	60	60	6	50	0.83	3	0.0015	60			—
88	RB088BGE-60		—	TL	60	60	10	50	0.83	5	0.003	60			—
89	RB098BGE100		—	TL	110	100	6	100	0.77	3	0.003	100			—
90	RB088BGE100		—	TL	100	100	10	50	0.87	5	0.005	100			—
91	RB098BGE150		—	TL	150	150	6	100	0.83	3	0.007	150			—
92	RB088BGE150		—	TL	150	150	10	50	0.88	5	0.015	150			—
93	RB078BM30S		FH	TL	35	30	5	50	0.72	5	0.005	30	TO-252 (DPAK)		YES
94	RB098BM-30		FH	TL	35	30	6	50	0.72	3	0.0015	30			YES
95	RB088BM-30		FH	TL	35	30	10	50	0.72	5	0.003	30			YES
96	RB098BM-40		FH	TL	45	40	6	50	0.77	3	0.0015	40			YES
97	RB088BM-40		FH	TL	45	40	10	50	0.77	5	0.003	40			YES
98	RB098BM-60		FH	TL	60	60	6	50	0.83	3	0.0015	60			YES
99	RB088BM-60		FH	TL	60	60	10	50	0.83	5	0.003	60			YES
100	RB098BM100		FH	TL	110	100	6	100	0.77	3	0.003	100			YES
101	RB088BM100		FH	TL	100	100	10	100	0.87	5	0.005	100			YES
102	RB098BM150		FH	TL	150	150	6	100	0.83	3	0.007	150			YES
103	RB088BM150		FH	TL	150	150	10	100	0.88	5	0.015	150			YES
104	RB088BM200		FH	TL	200	200	10	100	0.88	5	0.007	200	YES		
105	RB218BM200		FH	TL	200	200	20	100	0.88	10	0.01	200	YES		
106	RB088NS-30		FH	TL	35	30	10	50	0.72	5	0.003	30	(TO-263S) (D2PAK)		YES
107	RB218NS-30		FH	TL	35	30	20	100	0.72	10	0.005	30			YES
108	RB228NS-30		FH	TL	35	30	30	100	0.72	15	0.01	30			YES
109	RB238NS-30		FH	TL	35	30	40	100	0.75	20	0.012	30			YES
110	RB088NS-40		FH	TL	45	40	10	50	0.77	5	0.003	40			YES
111	RB218NS-40		FH	TL	45	40	20	100	0.77	10	0.005	40			YES
112	RB228NS-40		FH	TL	45	40	30	100	0.77	15	0.01	40			YES
113	RB238NS-40		FH	TL	45	40	40	100	0.8	20	0.012	40			YES
114	RB088NS-60		FH	TL	60	60	10	50	0.83	5	0.003	60			YES
115	RB218NS-60		FH	TL	60	60	20	100	0.83	10	0.005	60			YES
116	RB228NS-60		FH	TL	60	60	30	100	0.83	15	0.01	60			YES
117	RB238NS-60		FH	TL	60	60	40	100	0.86	20	0.012	60			YES
118	RB088NS100		FH	TL	110	100	10	100	0.87	5	0.005	100			YES
119	RB218NS100		FH	TL	110	100	20	100	0.87	10	0.007	100			YES
120	RB228NS100		FH	TL	110	100	30	100	0.87	15	0.01	100			YES
121	RB298NS100		FH	TL	110	100	30	100	0.87	15	0.01	100			YES
122	RB238NS100		FH	TL	110	100	40	100	0.86	20	0.02	100			YES
123	RB088NS150		FH	TL	150	150	10	50	0.88	5	0.015	150			YES
124	RB218NS150		FH	TL	150	150	20	100	0.88	10	0.02	150	YES		
125	RB228NS150		FH	TL	150	150	30	100	0.88	15	0.025	150	YES		
126	RB238NS150		FH	TL	150	150	40	100	0.87	20	0.03	150	YES		
127	RB088NS200		FH	TL	200	200	10	100	0.88	5	0.007	200	YES		
128	RB218NS200		FH	TL	200	200	20	100	0.88	10	0.01	200	YES		
129	RB088T-30	NZ	—	C9	35	30	10	50	0.72	5	0.003	30	(TO-220FN) <3pin>		—
130	RB218T-30	NZ	—	C9	35	30	20	100	0.72	10	0.005	30			—
131	RB228T-30	NZ	—	C9	35	30	30	100	0.72	15	0.01	30			—
132	RB238T-30	NZ	—	C9	35	30	40	100	0.75	20	0.012	30			—
133	RB088T-40	NZ	—	C9	45	40	10	50	0.77	5	0.003	40			—
134	RB218T-40	NZ	—	C9	45	40	20	100	0.77	10	0.005	40			—
135	RB228T-40	NZ	—	C9	45	40	30	100	0.77	15	0.01	40			—
136	RB238T-40	NZ	—	C9	45	40	40	100	0.8	20	0.012	40			—
137	RB088T-60	NZ	—	C9	60	60	10	50	0.83	5	0.003	60			—
138	RB218T-60	NZ	—	C9	60	60	20	100	0.83	10	0.005	60			—
139	RB228T-60	NZ	—	C9	60	60	30	100	0.83	15	0.01	60			—
140	RB238T-60	NZ	—	C9	60	60	40	100	0.86	20	0.012	60			—
141	RB088T100	NZ	—	C9	110	100	10	100	0.87	5	0.005	100			—
142	RB218T100	NZ	—	C9	110	100	20	100	0.87	10	0.007	100			—
143	RB228T100	NZ	—	C9	110	100	30	100	0.87	15	0.005	100			—
144	RB298T100	NZ	—	C9	110	100	30	100	0.87	15	0.01	100			—
145	RB238T100	NZ	—	C9	110	100	40	100	0.86	20	0.02	100			—
146	RB088T150	NZ	—	C9	150	150	10	50	0.88	5	0.015	150			—
147	RB218T150	NZ	—	C9	150	150	20	100	0.88	10	0.02	150			—
148	RB228T150	NZ	—	C9	150	150	30	100	0.88	15	0.025	150			—
149	RB238T150	NZ	—	C9	150	150	40	100	0.87	20	0.03	150			—

*General Part No. have no grade code.
 *1 I_o: Average rectified output current per die. In case of 2 dies, I_o indicates average output current of 2 dies.
 *2 Value/Die
 Note: Package is JEDEC code. (): ROHM Packages, (): GENERAL code.

Fast Recovery Diodes

● Quick Reference for Small Signal/Middle Power Fast Recovery Diodes



V _R (V)	I _O (A)	Surface Mount type																					
		1608 Size SOD-523 (EMD2)	2512 Size SOD-323FL (UMD2)	2514 Size (TUMD2M)		(TUMD2SM)	2513 size (PMDE)	3516 Size (PMDU) (SOD-123FL)	4725 Size (PMDTM) (SOD-128)	5026 size DO-214AC (PMDS) (SMA)	2928 Size SOT-457T (TSM6)												
100	0.5			RF05VAM1S RF05VYM1S	3 4																		
200	0.4																				RF04UA2D	36	
	0.5					RF05VAM2S RF05VYM2S	5 6			RFC02MM2S	11												
	0.7									RF071MM2S	12												
	0.8									RF081MM2S	13												
	1									☆RFN1VWM2S	9		RF101LAM2S	14	RF101L2S	26							
	1.1												RF081LAM2S	15	RF081L2S	27							
	2									☆RFN2VWM2S	10		RF201LAM2S RF202LAM2S	16 17	RF201L2S	28							
3												RF302LAM2S	18										
250	0.1			RF01VM2S	2																		
400	1																						
	1.5																						
450	0.1	RFU01SM4S	1																				
600	0.2																						
	0.8							RFU02VSM6S	7														
	1.5																						
700	0.8																						
800	0.2																						

Note: Package is JEDEC code. (): ROHM Packages. (): GENERAL code. ☆: Under Development

Small Signal/Middle Power Fast Recovery Diodes																		
Quick Reference No.	Product No.				Absolute Maximum Ratings (T _c =25°C or T _l =25°C)				Electrical Characteristics (T _j =25°C)*1							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 (μA) Max	V _R (V)	t _{tr} (ns) Max	I _F (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)		—
2	RF01VM2S	*	FH	TE-17	250	250	0.1	1	1.2	0.1	10	250	50		*2	SOD-323FL (UMD2)		YES
3	RF05VAM1S	—	—	TR	100	100	0.5	6	0.98	0.5	10	100	25	0.5	1	(TUMD2M)		—
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	(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	(TUMD2SM)		—
8	RFU02VSM8S	—	—	TR	800	800	0.2	1	3	0.2	10	800	35	0.1	0.1			—
9	☆RFN1VWM2S	—	—	TR	200	200	1	10	0.93	1	1	200	25	0.5	1	(PMDE)		YES
10	☆RFN2VWM2S	—	—	TR	200	200	2	10	0.99	2	1	200	25	0.5	1			YES
11	RFC02MM2S	—	—	TR	200	200	0.5	10	0.95	0.5	1	200	35	0.1	0.2	(PMDU) (SOD-123FL)		YES
12	RF071MM2S	—	—	TR	200	200	0.7	15	0.85	0.7	10	200	25	0.5	1			YES
13	RF081MM2S	—	—	TR	200	200	0.8	20	0.95	0.8	10	200	25	0.5	1	(PMDTM) (SOD-128)		YES
14	RF101LAM2S	—	—	TR	200	200	1	20	0.87	1	10	200	25	0.5	1			YES
15	RF081LAM2S	—	—	TR	200	200	1.1	25	0.98	1	10	200	25	0.5	1	(PMDTM) (SOD-128)		YES
16	RF201LAM2S	*	—	TR	200	200	2	20	0.87	2	10	200	25	0.5	1			YES
17	RF202LAM2S	—	—	TR	200	200	2	20	0.93	2	10	200	25	0.5	1	(PMDTM) (SOD-128)		YES
18	RF302LAM2S	—	—	TR	200	200	3	20	0.92	3	10	200	25	0.5	1			YES
19	RF071LAM4S	—	—	TR	400	400	1	15	1.25	0.7	10	400	25	0.5	1	(PMDTM) (SOD-128)		YES
20	RF101LAM4S	—	—	TR	400	400	1	25	1.25	1	10	400	25	0.5	1			YES
21	RF201LAM4S	—	—	TR	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1	(PMDTM) (SOD-128)		YES
22	RFN2LAM4S	—	—	TR	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1			YES
23	RFN1LAM6S	—	—	TR	600	600	0.8	15	1.45	0.8	1	600	35	0.5	1	(PMDTM) (SOD-128)		YES
24	RFN2LAM6S	—	—	TR	600	600	1.5	40	1.55	1.5	1	600	35	0.5	1			YES
25	RFN1LAM7S	—	—	TR	700	700	0.8	15	1.5	0.8	1	700	80	0.5	1	(PMDTM) (SOD-128)		YES
26	RF101L2S	—	—	TR	200	200	1	20	0.87	1	10	200	25	0.5	1			YES
27	RF081L2S	—	—	TR	200	200	1.1	25	0.98	1	10	200	25	0.5	1	(DO-214AC) (PMDS) (SMA)		YES
28	RF201L2S	—	—	TR	200	200	2	20	0.87	2	10	200	25	0.5	1			YES
29	RF071L4S	—	—	TR	400	400	1	15	1.25	0.7	10	400	25	0.5	1	(DO-214AC) (PMDS) (SMA)		YES
30	RF101L4S	—	—	TR	400	400	1	25	1.25	1	10	400	25	0.5	1			YES
31	RF201L4S	—	—	TR	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1	(DO-214AC) (PMDS) (SMA)		YES
32	RFN2L4S	—	—	TR	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1			YES
33	RFN1L6S	—	—	TR	600	600	0.8	15	1.45	0.8	1	600	35	0.5	1	(DO-214AC) (PMDS) (SMA)		YES
34	RFN2L6S	—	—	TR	600	600	1.5	40	1.55	1.5	1	600	35	0.5	1			YES
35	RFN1L7S	—	—	TR	700	700	0.8	15	1.5	0.8	1	700	80	0.5	1	(DO-214AC) (PMDS) (SMA)		YES
36	RF04UA2D	*	FH	TR	200	200	0.4	1	0.98	0.2	10	200	25	0.5	1	SOT-457T (TSM6)		YES

*General Part No. have no grade code. ☆: Under Development

*1 Value/Chip *2 V_R=6V, I_R=10mA, I_{rr}=0.1xI_R

Note: Package is JEDEC code. (): ROHM Packages. (): GENERAL code.

Fast Recovery Diodes

● Quick Reference for Power Fast Recovery Diodes

V _R (V)	I _o (A)	Surface Mount type					Through Hole type								
		(TO-252GE) (DPAK)	TO-252 (DPAK)	(TO-263S) (D2PAK)	(TO-220FN) <2pin>	(TO-220FN) <3pin>	(TO-220NFM)	(TO-220AC)	(TO-220ACFP)	TO-247GE-2L	TO-247GE-3L				
200	3	RF301BGE2S RFN3BGE2S	23 24	RF301BM2S RFN3BM2S	38 39										
	5	RF501BGE2S RFN5BGE2S	25 26	RF501BM2S RFN5BM2S	40 41										
	6	RF601BGE2D RFN6BGE2D	1 2	RF601BM2D 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 29	RFN3BM6S RF305BM6S	43 44										
	5	RFN5BGE6S RFN5BGE6S RF505BGE6S RFV5BGE6S	30 31 32 33	RFN5BM6S RFN5BM6S RF505BM6S RFV5BM6S	45 46 47 48			RFN5TF6S RF505TF6S RFUH5TF6S	72 73 74		RFN5TJ6S	86			
	8	RFV8BGE6S	34	RFV8BM6S	49					RFV8TG6S	81 82	RFV8TJ6S	87 88		
	10	RFN10BGE6S RFN10BGE6S	35 37	RFN10BM6S 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										New RFL30TZ6S	96	☆ RFL30TS6D	19
	60											New RFS30TZ6S	97	☆ RFS30TS6D	20
800	5							RFN5TF8S	80						
	10			RFN10NS8D	9										






Note: Package is JEDEC code. (): ROHM Packages. < >: GENERAL code.

☆: Under Development

Fast Recovery Diodes

Fast Recovery Diodes

Example: **R F 6 0 1 B M 2 D F H T L**
 Part No. Grade Code Taping Code

Power Fast Recovery Diodes 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 _{GM} (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)
1	RF601BGE2D	*	—	TL	200	200	6	60	0.93	3	10	200	25	0.5	1	(TO-252GE) (DPAK)	—
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)	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	—	YES
6	RF1601NS2D	—	FH	TL	200	200	16	100	0.93	8	10	200	30	0.5	1	(TO-263S) (D2PAK)	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	—	—
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	(TO-220FN) <3pin>	—
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	—	—
20	☆RFS30TS6D	G	—	C13	650	650	30	80	2.3	15	5	650	30	0.5	1	TO-247GE-3L	—
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	RFN5BGE6S	*	—	TL	600	600	5	50	1.3	5	10	600	60	0.5	1	(TO-252GE) (DPAK)	—
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	—	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	RFN5BM6S	—	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	—	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	(TO-263S) (D2PAK)	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

*General Part No. have no grade code.

*1 I_o: Average rectified output current die. In case of 2 dies, I_o indicates average output current of 2 chips. *2 Value/Chip

Note: Package is JEDEC code. () : ROHM Packages. (): GENERAL code.

☆: Under Development

Zener Diodes

Zener Diodes
 Example: **E** **D** **Z** **V** **F** **H** **T** **2** **R** **3** **.** **6** **B**
 Part No. Grade Code Taping Code Zener Voltage Sub Division

Zener Diodes 1																
Package	Surface Mount type															
	0603 size DSN0603-2 (SMD0603)				1006 size SOD-923 (VMN2M)				1608 size SOD-523 (EMD2)				2512 size SOD-323FL (UMD2)			
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 _a =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	3.60 to 3.845	5	-	3.6B	3.60 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 6.885	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	19.63 to 20.63	2	-	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 24.200	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	32.230 to 35.010	5	YES	
-	-	-	-	-	-	-	-	-	-	-	-	39B	35.880 to 37.790	5	YES	

Zener Diodes 1																
Package	Surface Mount type															
	2512 size SOD-323FL (UMD2)				2512 size SOD-323FL (UMD2)				2514 size (TUMD2M)				2514 size (TUMD2M)			
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 _a =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	-	51	48 to 54	2	YES	2.0B	2.02 to 2.20	20	-	-	-		
	2.2B	2.22 to 2.41	5	-	56	53 to 60	2	YES	2.2B	2.22 to 2.41	20	-	-	-		
	2.4B	2.43 to 2.63	5	-	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	3.60 to 3.845	5	YES	91	85 to 96	1	YES	3.6B	3.60 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™: ROHM's new method that enables superior dimensional precision, making it possible to develop the ultra-compact products. ☆: Under Development
 RASMID™ is a trademark or a registered trademark of ROHM Co., Ltd.
 Note1: This table shows available voltages.
 Note2: Package is JEDEC code. () : ROHM Packages.

Zener Diodes

Zener Diodes
 Example: **YDZV FHTR13**
 Part No. Grade Code Taping Code Zener Voltage

Zener Diodes 2																	
Surface Mount type																	
Package	2514 size (TUMD2M)			2514 size (TUMD2M)			2924 size SOT-23 (SSD3)			2924 size SOT-23 (SSD3)							
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 (T _v =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	-	-	-	-	-	-	-	-	-	2V4	2.20 to 2.60	5	YES				
	-	-	-	-	-	-	-	-	-	2V7	2.50 to 2.90	5	YES				
	-	-	-	-	-	-	-	-	-	3V0	2.80 to 3.20	5	YES				
	-	-	-	-	-	-	-	-	-	3V3	3.10 to 3.50	5	YES				
	-	-	-	-	-	-	-	-	-	3V6	3.40 to 3.80	5	YES				
	-	-	-	-	-	-	-	-	-	3V9	3.70 to 4.10	5	YES				
	-	-	-	-	-	-	-	-	-	4V3	4.00 to 4.60	5	YES				
	-	-	-	-	-	-	-	-	-	4V7	4.40 to 5.00	5	YES				
	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	3516 size (PMDU) (SOD-123FL)			3516 size (PMDU) (SOD-123FL)			4725 size (PMDTM) (SOD-128)			5026 size DO-214AC (PMDS) (SMA)						
	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 (T _v =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	2.00 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	YES	
	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	-	-	-	-	-	-	-	-	-	-	-	-	-

*Only Automotive Grade
 Note1: This table shows available voltages.
 Note2: Package is JEDEC code. (): ROHM Packages. (): GENERAL code.

Diodes

Zener Diodes

Protection Device
 Example: **UMZ6.8NFMFH T106**
Part No. Grade Code Taping Code

Quick Reference for Protection Devices [2 to 4 Elements]

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)				
	General	Automotive								
UMZ6.8NFM	*	FH	T106	200	6.65 to 6.93	5	SOT-323 (UMD3)		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	

*General Part No. have no grade code.
 Note: Package is JEDEC code. () : ROHM Packages.

Low Capacitance Protection Devices

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)	C _t (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)
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)		YES
UMZU6.2NFM		FH	T106	200	5.90 to 6.50	5	8	1	0			YES

*General Part No. have no grade code.
 Note: Package is JEDEC code. () : ROHM Packages.

Ultra Low Capacitance Bi-Directional Zener Diode

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)	C _t (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)		—

*General Part No. have no grade code.
 Note: Package is JEDEC code. () : ROHM Packages.

TVS

●Quick Reference TVS (ESD Protection Devices)

V _{RWM} (V)	Surface Mount type												
	0603 size	1006 size	2924 size	2513 size	3516 size	4725 size							
	DSN0603-2 (SMD0603B)	DSN1006-2 (SMD1006)	SOT-23 (SSD3)	(PMDE)	(PMDU) (SOD-123FL)	(PMDTM) (SOD-128)	TO-252 (DPAK)	(TO-263S) (D2PAK)					
3.0			MMBZ5V6ALY MMBZ6V2ALY	6 7									
4.5			MMBZ6V8ALY	8									
5.0					VS5V0UA1VWM	22	SMF5V0	31 VS5V0UA1LAM	54				
6.0			MMBZ9V1ALY	9			SMF6V0	32 VS6V0UA1LAM	55				
6.3		VS6V3UC1QS	5										
6.5			MMBZ10VALY	10			SMF6V5	33					
7.0	VS7V0UD1HS	1					SMF7V0	34 VS7V0UA1LAM	56				
7.5							SMF7V5	35					
8.0							SMF8V0	36 VS8V0UA1LAM	57				
8.5			MMBZ12VALY	11									
9.0	VS9V0UD1HS	2					SMF9V0	37 VS9V0UA1LAM	58				
10.0							SMF10V	38 VS10VUA1LAM	59				
11.0							SMF11V	39 VS11VUA1LAM	60				
12.0	VS12V0UD1HS	3	MMBZ15VALY	12			SMF12V	40 VS12VUA1LAM	61				
13.0			MMBZ16VALY	13	VS13VUA1VWM	23	SMF13V	41 VS13VUA1LAM	62				
14.0							SMF14V	42 VS14VUA1LAM	63				
14.5			MMBZ18VALY	14									
15.0	VS15V0UD1HS	4					SMF15V	43 VS15VUA1LAM	64				
16.0					VS16VUA1VWM	24	SMF16V	44 VS16VUA1LAM	65				
17.0			MMBZ20VALY	15	VS17VUA1VWM	25	SMF17V	45 VS17VUA1LAM	66				
18.0					VS18VUA1VWM	26	SMF18V	46 VS18VUA1LAM	67				
20.0			MMBZ24VALY	16	VS20VUA1VWM	27	SMF20V	47 VS20VUA1LAM	68				
22.0			MMBZ27VALY MMBZ27VCLY	17 21			SMF22V	48 VS22VUA1LAM	69	RSDT27BM	74	RSDT27NS	76
24.0			MMBZ30VALY	18	VS24VUA1VWM	28	SMF24V	49 VS24VUA1LAM	70	RSDT30BM	75	RSDT30NS	77
26.0			MMBZ33VALY	19	VS26VUA1VWM	29	SMF26V	50 VS26VUA1LAM	71				
28.0			MMBZ36VALY	20			SMF28V	51 VS28VUA1LAM	72				
30.0							SMF30V	52 VS30VUA1LAM	73				
33.0					VS33VUA1VWM	30	SMF33V	53					

Note: Package is JEDEC code. (): ROHM Packages.

●Quick Reference Bi-Directional TVS

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)	(SMD2012)	SOT-23 (SSD3)			
3.3	RAS MID™ ☆VS3V3BA1FS	78	RAS MID™ VS3V3BA1ES	84	RAS MID™ VS3V3BC1HS	83			
	RAS MID™ ☆VS3V3BB1FS	79	RAS MID™ VS3V3BB1ES	85	RAS MID™ VS3V3BL1HS	96			
	RAS MID™ ☆VS3V3BT1FS	80			RAS MID™ VS3V3BN1HS	97			
4.5					RAS MID™ VS4V5BU1QS	90			
4.8						RAS MID™ VS4V8BU1AR	91		
5.0	RAS MID™ ☆VS5V0BA1FS	81	RAS MID™ VS5V0BA1ES	86	RAS MID™ VS5V0BL1HS	98	RAS MID™ VS5V0BL1QS	100	
	RAS MID™ ☆VS5V0BB1FS	82	RAS MID™ VS5V0BB1ES	87	RAS MID™ VS5V0BN1HS	99			
			RAS MID™ VS5V0BC1ES	88					
12.0					RAS MID™ VS12VBA1HS	89		ESD16VHY	92
16.0								ESD18VHY	93
24.0								ESD27VHY RES D1CANY	94 95

©RAS MID™: ROHM's proprietary New method that enables superior dimensional precision, making it possible to develop the ultra-compact products.

☆: Under Development

RAS MID™ is a trademark or a registered trademark of ROHM Co., Ltd.

Note: Package is JEDEC code. (): ROHM Packages.

TVS

TVS
 Example: **V S 5 V 0 U A 1 V W M T F T R**
 Part No. Grade Code Taping Code

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=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)		—		
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	1,000	6.40 to 7.20	40	200			(PMDE)		YES
23	VS13VUA1VWM	TF	—	TR	13.0	1,000	14.7 to 16.5	20	200					YES
24	VS16VUA1VWM	TF	—	TR	16.0	1,000	18.0 to 20.3	20	200					YES
25	VS17VUA1VWM	TF	—	TR	17.0	1,000	18.8 to 21.2	20	200					YES
26	VS18VUA1VWM	TF	—	TR	18.0	1,000	20.0 to 22.4	20	200	YES				
27	VS20VUA1VWM	TF	—	TR	20.0	1,000	22.0 to 24.5	10	200	YES				
28	VS24VUA1VWM	TF	—	TR	24.0	1,000	27.0 to 30.8	10	200	YES				
29	VS26VUA1VWM	TF	—	TR	26.0	1,000	30.0 to 34.0	10	200	YES				
30	VS33VUA1VWM	TF	—	TR	33.0	1,000	36.0 to 40.0	10	200	YES				
31	SMF5V0	TF	—	TR	5.0	1,000	6.40 or more	40	200	YES				
32	SMF6V0	TF	—	TR	6.0	1,000	6.67 or more	40	200	YES				
33	SMF6V5	TF	—	TR	6.5	1,000	7.22 or more	40	200	YES				
34	SMF7V0	TF	—	TR	7.0	1,000	7.78 or more	40	200	YES				
35	SMF7V5	TF	—	TR	7.5	1,000	8.33 or more	40	200	YES				
36	SMF8V0	TF	—	TR	8.0	1,000	8.89 or more	40	200	YES				
37	SMF9V0	TF	—	TR	9.0	1,000	10.0 or more	40	200	YES				
38	SMF10V	TF	—	TR	10.0	1,000	11.1 or more	20	200	YES				
39	SMF11V	TF	—	TR	11.0	1,000	12.2 or more	20	200	YES				
40	SMF12V	TF	—	TR	12.0	1,000	13.3 or more	20	200	YES				
41	SMF13V	TF	—	TR	13.0	1,000	14.4 or more	20	200	YES				
42	SMF14V	TF	—	TR	14.0	1,000	15.6 or more	20	200	YES				
43	SMF15V	TF	—	TR	15.0	1,000	16.7 or more	20	200	YES				
44	SMF16V	TF	—	TR	16.0	1,000	17.2 or more	20	200	YES				
45	SMF17V	TF	—	TR	17.0	1,000	18.9 or more	20	200	YES				
46	SMF18V	TF	—	TR	18.0	1,000	20.0 or more	20	200	YES				
47	SMF20V	TF	—	TR	20.0	1,000	22.2 or more	10	200	YES				
48	SMF22V	TF	—	TR	22.0	1,000	24.4 or more	10	200	YES				
49	SMF24V	TF	—	TR	24.0	1,000	26.7 or more	10	200	YES				
50	SMF26V	TF	—	TR	26.0	1,000	28.9 or more	10	200	YES				
51	SMF28V	TF	—	TR	28.0	1,000	31.1 or more	10	200	YES				
52	SMF30V	TF	—	TR	30.0	1,000	33.3 or more	10	200	YES				
53	SMF33V	TF	—	TR	33.0	1,000	36.7 or more	10	200	YES				
54	VS5V0UA1LAM	TF	—	TR	5.0	—	6.45 to 7.14	10	600	(PMDU) (SOD-123FL)		YES		
55	VS6V0UA1LAM	TF	—	TR	6.0	—	6.67 to 7.37	10	600			YES		
56	VS7V0UA1LAM	TF	—	TR	7.0	—	7.78 to 8.60	10	600			YES		
57	VS8V0UA1LAM	TF	—	TR	8.0	—	8.89 to 9.83	1	600			YES		
58	VS9V0UA1LAM	TF	—	TR	9.0	—	10.0 to 11.1	1	600			YES		
59	VS10VUA1LAM	TF	—	TR	10.0	—	11.1 to 12.3	1	600			YES		
60	VS11VUA1LAM	TF	—	TR	11.0	—	12.2 to 13.5	1	600			YES		
61	VS12VUA1LAM	TF	—	TR	12.0	—	13.3 to 14.7	1	600			YES		
62	VS13VUA1LAM	TF	—	TR	13.0	—	14.4 to 15.9	1	600			YES		
63	VS14VUA1LAM	TF	—	TR	14.0	—	15.6 to 17.2	1	600			YES		
64	VS15VUA1LAM	TF	—	TR	15.0	—	16.7 to 18.5	1	600	YES				
65	VS16VUA1LAM	TF	—	TR	16.0	—	17.8 to 19.7	1	600	YES				
66	VS17VUA1LAM	TF	—	TR	17.0	—	18.9 to 20.9	1	600	YES				
67	VS18VUA1LAM	TF	—	TR	18.0	—	20.0 to 22.1	1	600	YES				
68	VS20VUA1LAM	TF	—	TR	20.0	—	22.2 to 24.5	1	600	YES				
69	VS22VUA1LAM	TF	—	TR	22.0	—	24.4 to 26.9	1	600	YES				
70	VS24VUA1LAM	TF	—	TR	24.0	—	26.7 to 29.5	1	600	YES				
71	VS26VUA1LAM	TF	—	TR	26.0	—	28.9 to 31.9	1	600	YES				
72	VS28VUA1LAM	TF	—	TR	28.0	—	31.1 to 34.4	1	600	YES				
73	VS30VUA1LAM	TF	—	TR	30.0	—	33.3 to 36.8	1	600	YES				
74	RSdT27BM	—	—	FH	TL	22.0	24.0 to 30.0	10	2,500	TO-252 (DPAK)		YES		
75	RSdT30BM	—	—	FH	TL	24.0	27.0 to 33.0	10	2,500	—	—	YES		
76	RSdT27NS	—	—	FH	TL	22.0	24.0 to 30.0	10	3,600	(TO-263S) (D2PAK)		YES		
77	RSdT30NS	—	—	FH	TL	24.0	27.0 to 33.0	10	3,600	—	—	YES		

*General Part No. have no grade code.
 Note: Package is JEDEC code. (): ROHM Packages. < > : GENERAL code.

TVS

TVS

Example: **V S 3 V 3 B C 1 H S T 1 5 R**

Part No.

Taping Code

Bi-Directional TVS														
Quick Reference No.	Product No.			Absolute Maximum Ratings (T _a =25°C)	Electrical Characteristics (T _a =25°C)			Peak Pulse Power (W) (tp=8/20µs)	Ct (pF)	f (MHz)	V _R (V)	Package	Equivalent Circuit Diagram	
	Part No.	Grade Code			Taping Code	P ₀ (mW)	V _{BR} (V)							I _Z (mA)
		General	Automotive											
78	RASMID™ ☆VS3V3BA1FS	—	T27N	100	4.0 or more	1	26.5	6	1	0	DSN0402-2 (SMD0402)			
79	RASMID™ ☆VS3V3BB1FS	—	T27N	100	4.0 or more	1	38	10	1	0				
80	RASMID™ ☆VS3V3BT1FS	—	T27N	100	4.0 or more	1	21	4.7	1	0				
81	RASMID™ ☆VSSV0BA1FS	—	T27N	100	5.3 or more	1	26.5	6	1	0				
82	RASMID™ ☆VS5V0BB1FS	—	T27N	100	5.3 or more	1	45	10	1	0				
83	RASMID™ VS3V3BC1HS	—	T15R	100	4.0 or more	1	70	18	1	0			DSN0603-2 (SMD0603B)	
84	RASMID™ VS3V3BA1ES	—	T15R	100	4.0 or more	1	28	6	1	0				
85	RASMID™ VS3V3BB1ES	—	T15R	100	4.0 or more	1	45	10	1	0				
86	RASMID™ VSSV0BA1ES	—	T15R	100	6.0 to 8.0	1	10	5	1	0				
87	RASMID™ VS5V0BB1ES	—	T15R	100	6.0 to 9.0	1	25	7	1	0				
88	RASMID™ VS5V0BC1ES	—	T15R	100	6.0 to 9.0	1	60	15	1	0				
89	RASMID™ VS12VBA1HS	—	T15R	100	12.5 to 15.0	1	70	7	1	0				
90	RASMID™ VS4V5BU1QS	—	T18R	200	5.3 to 6.5	1	600	100	1	0				
91	RASMID™ VS4V8BU1AR	—	T7R	—	4.85 to 6.00	1	1,100	480	1	0				
92	ESD16VHY	FH	T116	225	15.96 to 17.64	1	100	13 (Typ)	1	0			SOT-23 (SSD3)	
93	ESD18VHY	FH	T116	225	17.86 to 19.74	1	100	12 (Typ)	1	0				
94	ESD27VHY	FH	T116	225	26.41 to 29.19	1	100	8 (Typ)	1	0				
95	RESD1CANY	FH	T116	225	26.20 to 32.00	1	350	30 (Max)	1	0				

Low Capacitance Bi-Directional TVS														
Quick Reference No.	Product No.			Absolute Maximum Ratings (T _a =25°C)	Electrical Characteristics (T _a =25°C)			Remarks	Ct (pF)	f (MHz)	V _R (V)	Package	Equivalent Circuit Diagram	
	Part No.	Grade Code			Taping Code	P ₀ (mW)	V _{BR} (V)							I _Z (mA)
		General	Automotive											
96	RASMID™ VS3V3BL1HS	—	T15R	100	6.00 to 10.00	1	IEC61000-4-2, 150pF, 330Ω, Contact 11kV, Air 15kV	0.34	1	0	DSN0603-2 (SMD0603B)			
97	RASMID™ VS3V3BN1HS	—	T15R	100	6.00 to 10.00	1		0.5	1	0				
98	RASMID™ VSSV0BL1HS	—	T15R	100	6.00 to 10.00	1		0.25	1	0				
99	RASMID™ VSSV0BN1HS	—	T15R	100	6.00 to 10.00	1		0.5	1	0				
100	RASMID™ VS5V0BL1QS	—	T18R	200	7.00 or more	1		0.8	1	0				

©RASMID™: ROHM's proprietary new method that enables superior dimensional precision, making it possible to develop the ultra-compact products.

RASMID™ is a trademark or a registered trademark of ROHM Co., Ltd.

*General Part No. have no grade code.

Note: Package is JEDEC code. (): ROHM Packages.

☆: Under Development

Switching Diodes

● Quick Reference for Switching Diodes

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

Note: Package is JEDEC code. (): ROHM Packages.

Switching Diodes

Example: **1SS355VMFHTE-17**
 Part No. Grade Code Taping Code

Switching Diodes

High-speed type																	
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)		—
1SS355VM	FH	TE-17	90	80	225	100	500 (1s)	1.2	100	0.1	80	4	6	10	SOD-323FL (UMD2)		YES
1SS400SM	FH	T2R	90	80	225	100	500 (1s)	1.2	100	0.1	80	4	6	10	SOD-523 (EMD2)		YES
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)		—
DAN222WM	—	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F)		—
DAN202UM	—	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323FL (UMD3F)		—
DAN202FM	FH	T106	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323 (UMD3)		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)		—
DAP222WM	—	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F)		—
DAP202UM	—	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323FL (UMD3F)		—
DAP202FM	FH	T106	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323 (UMD3)		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)		YES
DAN217UM	—	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.2	70	4	6	5	SOT-323FL (UMD3F)		—
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)		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)		YES
Low Leak type																	
1SS380VM	FH	TE-17	80	80	225	100	400 (1s)	1.2	100	0.01	80	—	—	—	SOD-323FL (UMD2)		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)		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)		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)		YES
DA204UM	—	TL	20	20	200	100	300 (1μs)	1.0	10	0.1	15	—	—	—	SOT-323FL (UMD3F)		—
DA228UM	—	TL	80	80	200	100	300 (1μs)	1.2	100	0.01	80	—	—	—	SOT-323FL (UMD3F)		—
DA221ZM	—	T2L	20	20	200	100	300 (1μs)	1	10	0.1	15	—	—	—	SOT-723 (VMD3)		—
DA221WM	—	TL	20	20	200	100	300 (1μs)	1	10	0.1	15	—	—	—	SOT-416FL (EMD3F)		—
DA228WM	—	TL	80	80	200	100	4,000 (1μs)	1.2	100	0.1	80	—	—	—	SOT-416FL (EMD3F)		—
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	SOT-23 (SSD3)		YES

*General Part No. have no grade code.
 *1 Value/Chip *2 Not V_R (V) but I_R (mA) Value *3 I_F Value
 Note: Package is JEDEC code. (): ROHM Packages.

High Frequency Diodes

● Quick Reference for High Frequency Diodes

	V _R (V)	Surface Mount type			
		1006 size	1608 size	2120 size	2512 size
		SOD-923 (VMN2M)	SOD-523 (EMD2)	SOT-323 (UMD3)	SOD-323FL (UMD2)
Band Switching Diode	35		1SS390SM	DAN235FM	
PIN Diode	50	RN141CM			
	60		RN142SM		New RN142VM
Detection Schottky Diode	5	RB886CM			

Note: Package is JEDEC code. (): ROHM Packages.

High Frequency Diodes

High Frequency Diodes

Example:

1	S	S	3	9	0	S	M	F	H	T	2	R
Part No.							Grade Code		Taping Code			

Band Switching Diode																
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)
	General	Automotive														
1SS390SM		FH	T2R	35	150	150	-55 to +150	1.2	6	1	0.9	2	100	SOD-523 (EMD2)		YES
DAN235FM	*	FH	T106	35	150	150	-55 to +150	1.2	6	1	0.9	2	100	SOT-323 (UMD3)		YES

PIN Diodes																
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)
	General	Automotive														
RN142SM		-	T2R	60	100	150	-55 to +150	0.45	1	1	3	3	100	SOD-523 (EMD2)		-
New RN142VM	*	-	TE-17	60	100	150	-55 to +150	0.45	1	1	3	3	100	SOD-323FL (UMD2)		-
RN141CM		-	T2R	50	100	150	-55 to +150	0.8	1	1	2	3	100	SOD-923 (VMN2M)		-

Detection Schottky Diode															
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)			
	General	Automotive													
RB886CM	*	-	T2R	5	10	125	-40 to +125	0.35	1	0.80	1	1	SOD-923 (VMN2M)		-

*General Part No. have no grade code.

Note: Package is JEDEC code. (): ROHM Packages.

Packages

■ Dimensions (Unit: mm)

Surface Mount Type

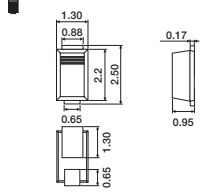
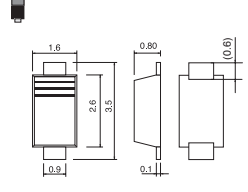
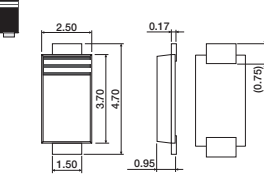
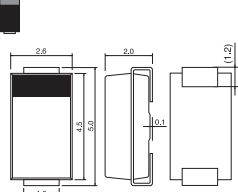
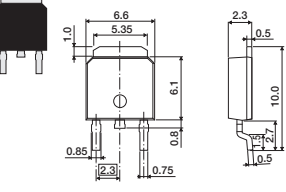
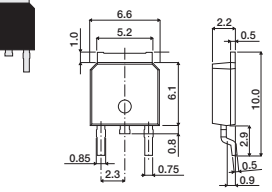
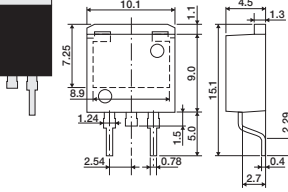
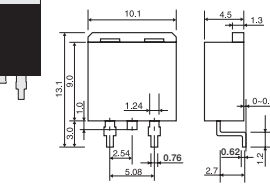
<p>DSN0402-2 (SMD0402)</p>	<p>DSN0603-2 (SMD0603) (SMD0603B)</p>	<p>DSN1006-2 (SMD1006)</p>	<p>DSN2012-2 (SMD2012)</p>
<p>SOD-923 (VMN2M)</p>	<p>VMD3 (SOT-723)</p>	<p>SOD-523 (EMD2) [SC-79]</p>	<p>SOT-416FL (EMD3F) [SC-89]</p>
<p>SOD-323FL (UMD2) [SC-90A]</p>	<p>SOT-323FL (UMD3F) [SC-85]</p>	<p>SOT-323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

Note: Package is JEDEC code. (): ROHM Packages, []: JEITA Code.

Power Packages

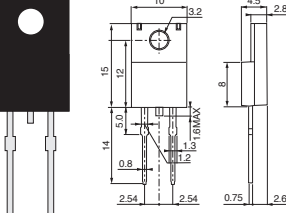
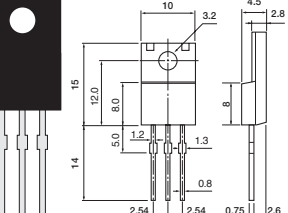
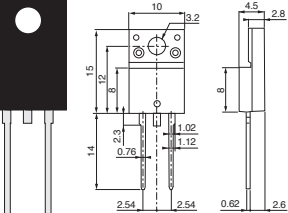
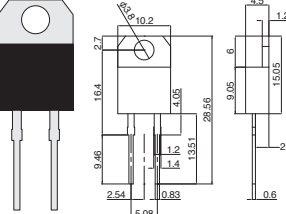
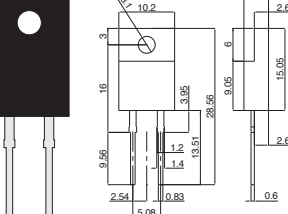
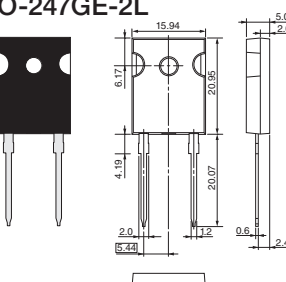
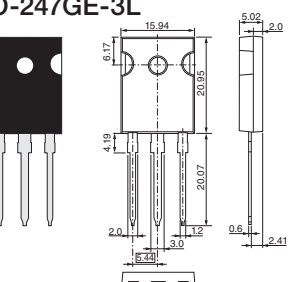
● Dimensions (Unit: mm)

Surface Mount type

<p>(PMDE)</p>  <p>Each lead has same dimensions</p>	<p>(PMDU) (SOD-123FL) [SC-109B]</p>  <p>Each lead has same dimensions</p>	<p>(PMDTM) (SOD-128)</p>  <p>Each lead has same dimensions</p>	<p>DO-214AC (PMDS) (SMA)</p>  <p>Each lead has same dimensions</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)</p>  <p>Each lead has same dimensions</p>	<p>(TO-263S) (LPDS) (D2PAK) [SC-83]</p>  <p>Each lead has same dimensions</p>

Note: Package is JEDEC code. (): ROHM Packages. []: JEITA Code. (): GENERAL code.

Through Hole type

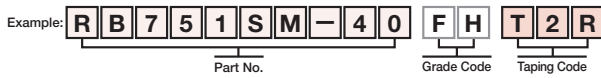
<p>(TO-220FN) <2pin></p>  <p>Each lead has same dimensions</p>	<p>(TO-220FN) <3pin></p>  <p>Each lead has same dimensions</p>	<p>(TO-220NFM) <2pin></p>  <p>Each lead has same dimensions</p>
<p>(TO-220AC)</p>  <p>Each lead has same dimensions</p>	<p>(TO-220ACFP)</p>  <p>Each lead has same dimensions</p>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

Note: Package is JEDEC code. (): ROHM Packages.

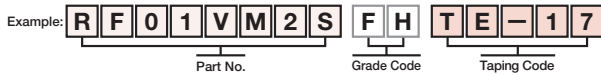
Product No. Explanation

- When ordering, specify the part number.
- Check each code against the tables shown below.
- Fill in from the left, leaving any extra boxes empty on the right.

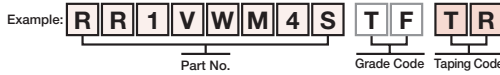
• Schottky Barrier Diodes



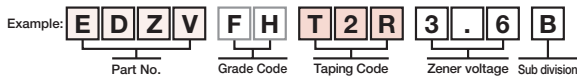
• Fast Recovery Diodes



• Rectifier Diodes



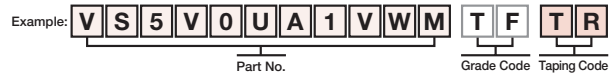
• Zener Diodes



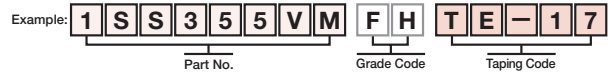
• Protection Device



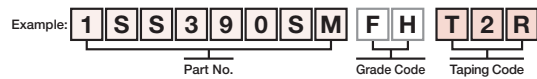
• TVS



• Switching Diodes



• High Frequency Diodes



• Packaging type

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
	SOT-723	T2L	VMD3	SC-105AA	1212	0.5	Embossed tape	One terminal on sprocket hole side	8,000
	DSN2012-2	T7R	SMD2012	—	2012	0.3	Embossed tape	Cathode on sprocket hole side	7,000
	SOD-923	T2R	VMN2M	—	1006	0.37	Embossed tape	Cathode on sprocket hole side	8,000
	SOD-523	T2R	EMD2	SC-79	1608	0.6	Embossed tape	Cathode on sprocket hole side	8,000
							Embossed tape	Cathode on sprocket hole side	8,000
							Embossed tape	Non-direction	8,000
	SOT-416FL	TL	EMD3F	SC-89	1616	0.7	Embossed tape	One terminal on sprocket hole side	3,000
	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

Note: Package is JEDEC code. (): ROHM Packages, (): GENERAL code.