

## ■ Schottky Barrier Diodes (SBD) (For Power)

Category	Type No.	Main Characteristics (Ta=25 °C)					Package	
		V <sub>R</sub> (V)	I <sub>F(AV)</sub> (A)	V <sub>F</sub> max.(V)	t <sub>tr</sub> * typ.(ns)	I <sub>R</sub> (mA)		No.
Cathode common type	MA749/A	40/45	5	0.55	11	1	TO-220(F)	D59
	△ MA7D49/A	40/45	5	0.55	—	1	TO-220D	D62
	MA750/A	40/45	10	0.55	15	3	TO-220(F)	D59
	△ MA7D50/A	40/45	10	0.55	—	3	TO-220D	D62
	MA752/A	40/45	20	0.55	30	5	TO-220(F)	D59
	△ MA7D52/A	40/45	20	0.55	—	5	TO-220D	D62
	MA751/A	40/45	20	0.55	30	5	TOP-3F(a)	D67
	MA753/A	40/45	5	0.55	—	1	N Type	D47
	MA755	60	5	0.55	11	1	TO-220(F)	D59
	△ MA7D55	60	5	0.58	—	1	TO-220D	D62
	MA756	60	10	0.55	15	3	TO-220(F)	D59
	△ MA7D56	60	10	0.58	—	3	TO-220D	D62
	MA760	90	5	0.85	11	1	TO-220(F)	D59
	△ MA7D60	90	5	0.80	—	1	TO-220D	D62
	MA761	90	10	0.85	15	3	TO-220(F)	D59
	△ MA7D61	90	10	0.85	—	3	TO-220D	D62
	MA762	90	20	0.85	30	5	TOP-3F(a)	D67
	MA768	150	5	0.85	—	1	TO-220(F)	D59
	△ MA7D68	150	5	0.85	—	1	TO-220D	D62
	MA769	150	10	0.85	—	3	TO-220(F)	D59
△ MA7D69	150	10	0.55	—	3	TO-220D	D62	

Package: (F) = Full Pack Package △ Preliminary

## ■ Fast Recovery Diodes (FRD)

Category	Type No.	Main Characteristics (Ta=25 °C)				Package	
		V <sub>RRM</sub> (V)	I <sub>F(AM)</sub> (A)	V <sub>F</sub> max. (V)	t <sub>tr</sub> max. (ns)		No.
Cathode common type	△ MA629	200	3	1.0	45	MT-4	D46
	MA649/650	200	5/10	1.0	100	TO-220(F)	D59
	△ MA6D49/50	200	5/10	0.98	30	TO-220D	D62
	MA661/651	200	10/20	1.0	100	TOP-3F(a)	D67
	△ MA6D51/52	200	20	0.98	40	TO-220D	D62
	MA652	200	20	1.0	100	TO-220(F)	D59
	MA653/654	300	5/10	1.0	100	TO-220(F)	D59
	△ MA6D53/54	300	5/10	0.98	50	TO-220D	D62
	MA655	300	20	1.0	100	TOP-3F(a)	D67
	MA693/694	400	5/10	1.0	100	TO-220(F)	D69
	△ MA6D93/94	400	5/10	1.0	100	TO-220D	D62
	MA695	400	20	1.0	100	TOP-3F(c)	D68
	Single chip type	MA689/690	200	2.5/5	1.0	100	TO-220(F)
MA6D89/90		200	2.5/5	1.0	100	TO-220D	D62
MA691		200	10	1.0	100	TOP-3F(e)	D70
MA643		200	1	0.98	—	New Mini Power Type	D15

Package: (F) = Full Pack Package △ Preliminary

## ■ PIN Diodes

Type No.	V <sub>R</sub> (V)	I <sub>F</sub> (mA)	C <sub>D</sub> max. (pF)	r <sub>11</sub>		r <sub>12</sub>		Package	No.
				I <sub>F</sub> (μA)	typ. (k Ω)	I <sub>F</sub> (mA)	max. (Ω)		
MA551	40	100	0.5	10	2	10	10	Mini Type (3 pins)	D10
△ MA558	40	100	0.5	—	2	10	6	Mini Type (3 pins)	D10
MA553	40	100	0.4typ.	10	2	10	10	M Type	D40
MA555	40	100	0.5	10	2	10	10	Mini Type (3 pins) 2 elements contained	D10
MA556	40	100	0.5	10	2	10	10	Mini Type (6 pins) 3 elements contained	D13
MA557	40	100	0.5	10	2	10	10	Mini Type (3 pins)	D10

△ Preliminary

## ■ Triggers

Type No.	P <sub>DAV</sub> (mA)	I <sub>P</sub> (A)	T <sub>opr</sub> (°C)	V <sub>BO</sub>			I <sub>BO</sub>		
				I (μA)	min. (V)	max. (V)	V (V)	typ. (μA)	max. (μA)
MA64	150	2	100	I <sub>B</sub> 0	28	36	V <sub>B</sub> 0	10	100

1) Ta = 25 °C, t < 10 μs, f = 60Hz Package: DO-35(D29)