

Power Diodes – Schottky — continued

1A to 300A

I _F (av)		V _{RRM}	V _F	I _F	I _{FSM}	ON Semiconductor	
max.	A	max.	V	@	A	Package	Mfrs. List No.
1	40	0.6	1.0	25	59-04	1N5819	
1	50	0.75	1.0	25	59-04	MBR150RL	
1	100	0.79	1.0	50	59-04	MBR1100RL	
3	40	0.525	3.0	80	267-03	1N5822	
8	35	0.51	8.0	75	D-Pak	MBRD835L	
7.5	45	0.84	15.0	150	DO-220	MBR745	
10	45	0.84	20.0	150	DO-220	MBR1045	
10	60	0.8	10.0	150	DO-220	MBR1060	
10	100	0.8	10.0	150	DO-220	MBR10100	
15	45	0.84	15.0	150	TO-220	MBR1545CT	
16	45	0.63	16.0	150	DO-220	MBR1645	
20	45	0.84	20.0	150	TO-220	MBR2045CT	
20	60	0.75	10.0	150	TO-220	MBR2060CT	
20	100	0.95	20.0	150	D2-Pak	MBRB20100CT	
20	100	0.85	10.0	150	TO-220	MBR20100CT	
20	200	1.0	20.0	150	TO-220	MBR20200CT	
20	100	0.95	20.0	150	ISO-TO-220	MBRF20100CT	
25	35	0.55	25.0	150	TO-220	MBR2535CTL	
25	40	0.82	30.0	150	TO-220	MBR2545CT	
30	45	0.76	30.0	200	TO-218	MBR3045PT	
40	30	0.55	40.0	300	D2-Pak	MBRB4030T4	
60	45	0.62	30.0	500	TO-247	MBR6045WT	
70	30	0.72	70.0	400	TO-247	MBR7030WT	
200	45	0.78	100.0	1500	POWERTAP	MBRP20045CT	
300	45	0.7	150.0	2500	POWERTAP	MBRP30045CT	
600	35	0.57	300.0	4000	POWERTAP	MBRP60035CTL	



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Order Multiple=1		Price Each				
Mfrs. List No.	Order Code	1+	25+	100+	250+	1K+
MBR150RL	247-145					
MBR1045	.878-364					
MBR1060	.878-406					
MBR10100	.878-443					
MBR1100RL	247-133					
MBR1545CT	.878-194					
MBR1645	.878-170					
MBR2045CT	.878-182					
MBR2060CT	247-157					
MBR20100CT	.878-066					
MBR20200CT	NEW 352-6240					
MBR2535CTL	930-880					
MBR2545CT	.878-169					
MBR3045PT	.878-303					
MBRB4030T4	NEW 352-6264					
MBR6045WT	.878-110					
MBR7030WT	708-252 †					
MBR745	.878-261					
MBRB20100CT	NEW 352-6252					
MBRD835L	NEW 352-6276					
MBRF20100CT	NEW 352-6288					
		1+	5+	10+	25+	
MBRP20045CT	.878-431					
MBRP30045CT	930-878					
MBRP60035CTL	NEW 352-6290					
		5+	100+	250+	1K+	
1N5819	.878-376					
1N5822	.878-388					

† Available until stocks are exhausted

1A to 9A, Axial



Package	L	Dia.
(a) DO-41	5.2	2.7
(b) DO-201AD	9.5	5.6
(c) DO-204AR	9.52	6.35
(d) 59-04	6.6	3.05
(e) 267-03	9.65	5.33

I _F (av)	V _{RRM}	V _F	I _F	I _{FSM}	Package	Mfr.	Mfrs. List No.
max.	max.	V	@	A			
1.0	20	0.45	1	25	(a)	FCH	1N5817
1.0	30	0.55	1	25	(a)	FCH	1N5818
1.0	30	0.50	1	40	(a)	GS	SB130
1.0	40	0.87	1	25	(a)	FCH	1N5819
1.0	40	0.57	3	40	(a)	MC	SR104
1.0	40	0.55	1	50	(a)	ST	BYV10-40
1.0	40	0.50	1	30	(a)	MC	SB140
1.0	40	0.50	1	25	(a)	GS	SB140
1.0	50	0.70	3	40	(a)	MC	SR105
1.0	60	0.70	1	30	(a)	MC	SB160
1.0	60	0.75	1	25	(d)	ON	MBR160
1.0	60	0.70	1	40	(a)	ST	BYV10-60
1.1	30	0.55	1	240	(a)	IR	11DQ03
1.1	40	0.55	1	240	(a)	IR	11DQ04
1.1	50	0.58	1	150	(a)	IR	11DQ05
1.1	60	0.58	1	150	(a)	IR	11DQ06
1.1	100	0.85	1	90	(a)	IR	11DQ10
3.0	20	0.47	3	80	(b)	FCH	1N5820
3.0	30	0.55	3	80	(b)	MC	SR303
3.0	30	0.50	3	80	(b)	FCH	1N5821
3.0	30	0.50	3	80	(b)	GS	SB330
3.0	40	0.74	3	80	(e)	ON	MBR340
3.0	40	0.55	3	80	(b)	MC	SR304
3.0	40	0.52	3	80	(b)	FCH	1N5822
3.0	40	0.50	3	80	(b)	GS	SB340

continued

I _F (av)	V _{RRM}	V _F	I _F	I _{FSM}	Package	Mfr.	Mfrs. List No.
max.	max.	V	@	A			
3.0	50	0.75	3	80	(b)	MC	SR305
3.0	50	0.75	3	80	(b)	MC	SB350
3.0	60	0.75	3	80	(b)	MC	SB360
3.3	30	0.55	3	470	(b)	IR	31DQ03
3.3	40	0.55	3	470	(b)	IR	31DQ04
3.3	50	0.58	3	360	(b)	IR	31DQ05
3.3	60	0.58	3	360	(b)	IR	31DQ06
3.3	100	0.85	3	210	(b)	IR	31DQ10
5.0	30	0.57	5	150	(b)	MC	SR503
5.0	30	0.55	5	150	(b)	MC	SB530
5.0	30	0.55	5	150	(b)	GS	SB530
5.0	30	0.49	5	300	(c)	MIC	MS503
5.0	40	0.57	5	150	(b)	MC	SR504
5.0	40	0.55	5	150	(b)	MC	SB540
5.0	40	0.55	5	150	(b)	GS	SB540
5.0	60	0.70	5	150	(b)	MC	SR506
5.0	60	0.70	5	150	(b)	MC	SB560
5.0	80	0.66	5	1900	(c)	IR	50SQ080
5.0	100	0.66	5	1900	(c)	IR	50SQ100
8.0	35	0.53	8	2400	(c)	IR	80SQ035
8.0	40	0.53	8	2400	(c)	IR	80SQ040
8.0	45	0.53	8	2400	(c)	IR	80SQ045
9.0	15	0.31	9	2900	(c)	IR	95SQ015
9.0	40	0.48	9	2150	(c)	IR	90SQ040
9.0	45	0.48	9	2150	(c)	IR	90SQ045

SD297 / SD297A

Order Multiple=1		Price Each				
Mfrs. List No.	Order Code	1+	25+	100+	250+	1K+
BYV10-40	364-216					
BYV10-60	364-228					
		1+	25+	100+	500+	
MBR160	.638-122					
MBR340	638-146					
MS503	527-166					
SB130	.518-141					
SB140 (GS)	.518-189					
SB140 (MC)	330-7803					
SB160	330-7827					
SB330	.518-190					
SB340	.518-153					
SB350	330-7840					
SB360	330-7852					
SB530 (GS)	.518-165					
SB530 (MC)	330-7864					
SB540 (GS)	.518-177					
SB540 (MC)	330-7876					
SB560	330-7888					
		5+	100+	500+	1K+	
SR104	706-619 †					
SR105	739-650					
SR303	706-632					
SR304	706-644					
SR305	739-662 †					
		1+	25+	100+	500+	
SR503	706-668 †					
SR504	706-670 †					
SR506	706-681 †					
		5+	100+	1K+	3K+	
1N5817	.573-097					
1N5818	573-103					
1N5819	573-115					
1N5820	.573-127					
1N5821	.573-139					
1N5822	573-140					
		1+	25+	100+	500+	
11DQ03	364-447					
11DQ04	364-459					
11DQ05	438-297					
11DQ06	364-460					
11DQ10	364-472					
31DQ03	364-605					
31DQ04	364-617					
31DQ05	438-315					
31DQ06	273-650					
31DQ10	364-629					
50SQ080	260-083					
50SQ100	364-666					
80SQ035	273-661					
80SQ040	438-327					
80SQ045	364-708					
90SQ040	506-771					
90SQ045	506-783					
95SQ015	506-795					

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