

**Power Diodes - Ultra-Fast Recovery - continued**

**1A to 200A - continued**

Mfrs. List No.	Order Code	Price Each			
		1+	25+	100+	250+
MUR1660CTG	955-7504	99.00	79.00	65.00	50.00
MUR3020WTG	955-7466	181.00	144.00	119.00	92.00
MUR3060PTG	955-7474	160.00	128.00	105.00	81.00
MUR8100EG	955-7547	82.00	62.00	51.00	40.00
		<b>5+</b>	<b>25+</b>	<b>100+</b>	<b>250+</b>
MURS120T3G	SMB 955-7458	20.00	15.00	14.00	9.00
MURS160T3G	SMB 955-7520	20.00	15.00	14.00	9.00
MURS320T3G	SMB 955-7555	27.00	20.00	18.00	13.00

I <sub>F</sub> (av) A	V <sub>RRM</sub> V	I <sub>FSM</sub> A	t <sub>rr</sub> ns	V <sub>F</sub> V	@ I <sub>F</sub>	I <sub>F</sub> A	Package	Mfrs. List No.
<b>267-03</b>								
4	200	125	25	0.875	3		267-03	MUR420RLG
4	600	70	50	1.25	3		267-03	MUR460RLG
4	1000	70	75	1.75	4		267-03	MUR4100ERLG
<b>TO-220AC</b>								
8	200	100	35	0.975	8		TO-220AC	MUR820G
8	600	100	50	1.5	8		TO-220AC	MUR860G
8	1000	100	75	1.8	8		TO-220AC	MUR8100EG
15	200	200	35	1.05	15		TO-220AC	MUR1520G
15	600	150	60	1.5	15		TO-220AC	MUR1560G
<b>TO-220AB</b>								
16	200	100	35	0.975	8		TO-220AB	MUR1620CTG
16	600	100	60	1.5	8		TO-220AB	MUR1660CTG
<b>59-04</b>								
1	200	35	25	0.875	1		59-04	MUR120RLG
<b>DO-41</b>								
1	600	35	50	1.05	1		DO-41	MUR160RLG
1	1000	35	75	1.75	1		DO-41	MUR1100ERLG
<b>SMB</b>								
1	200	40	35	0.875	1		SMB	MURS120T3G
1	200	40	35	0.875	1		SMB	MURS120T3
1	600	35	75	1.25	1		SMB	MURS160T3G
<b>SMC</b>								
3	200	75	35	0.875	3		SMC	MURS320T3G
<b>TO-247AC</b>								
30	200	150	35	1.05	15		TO-247AC	MUR3020WTG
<b>TO-218AC</b>								
30	600	150	60	1.2	15		TO-218AC	MUR3060PTG

422998

Mfrs. List No.	Order Code	Price Each			
		1+	25+	100+	250+
MUR120RLG	955-7490	21.00	16.00	14.00	9.00
MUR1520G	955-6990	74.00	56.00	46.00	36.00
MUR1560G	955-7440	93.00	71.00	58.00	46.00
MUR1620CTG	955-7482	62.00	47.00	39.00	30.00
MUR1660CTG	955-7504	99.00	79.00	65.00	50.00
MUR3020WTG	955-7466	181.00	144.00	119.00	92.00
MUR3060PTG	955-7474	160.00	128.00	105.00	81.00
MUR420RLG	955-7563	25.00	20.00	18.00	16.00
MUR460RLG	955-7431	30.00	24.00	21.00	19.00
MUR8100EG	955-7547	82.00	62.00	51.00	40.00
MUR820G	955-7539	54.00	42.00	34.00	26.00
MUR860G	955-7512	64.00	49.00	40.00	31.00
		<b>5+</b>	<b>25+</b>	<b>100+</b>	<b>250+</b>
MUR160RLG	955-7008	20.00	15.00	14.00	9.00
MUR1100ERLG	955-7016	23.00	18.00	16.00	11.00
MUR4100ERLG	955-7024	34.00	26.00	24.00	16.00
MURS120T3G	SMB 955-7458	20.00	15.00	14.00	9.00
MURS160T3G	SMB 955-7520	20.00	15.00	14.00	9.00
MURS320T3G	SMB 955-7555	27.00	20.00	18.00	13.00

**TurboSwitch™ High Voltage**



I <sub>F</sub> (av) A	I <sub>r</sub> (rms) A	V <sub>RRM</sub> V	V <sub>FSM</sub> V	I <sub>FSM</sub> A	t <sub>rr</sub> max (*typ) ns	V <sub>F</sub> V	@ I <sub>F</sub>	I <sub>F</sub> A	Package	Mfrs. List No.
1	6	600	—	10	20*	1.5	1	1	SMB	STTA106U
1	6	1200	—	10	65*	1.5	1	1	SMB	STTA112U
60	60	600	—	—	80*	14	—	—	ISOTOP	STTA12006TV2
2	8	600	600	50	20*	1.5	2	2	SMC	STTA206S
5	600	600	—	—	500*	1.5	—	—	D-Pak	STTA506B
5	20	600	600	65	45*	1.75	5	5	TO-220AC	STTA506D

5	1200	75	*	2	TO-220AC	STTA512D		
8	600	600	80	3.5	8	STTH806TTI		
12	20	600	120	28*	1.75	12	TO-220AC Isolated	
12	30	600	140	28*	1.75	12	TO-220AC	
12	—	1200	180	*	1.35	—	TO-220AC	
20	50	600	270	30*	1.75	20	SOD-93	
30	50	600	300	35*	1.75	30	SOD-93	
30	50	600	300	35*	1.75	30	DOP-31	
2 x 15	2 x 35	600	600	2 x 100	35*	1.6	15	TO-247
2 x 30	—	300	—	—	1	30	TO-247	
2 x 30	—	300	—	—	1	30	ISOTOP	

211290

Mfrs. List No.	Order Code	Price Each				
		1+	25+	100+	250+	1K+
STTA106U	980-3602	35.00	26.00	20.00	14.00	—
STTA112U	980-3610	58.00	44.00	32.00	24.00	—
STTA12006TV2	NEW 980-3637	2,622.42	2,070.66	1,694.37	1,289.54	1,241.98
STTA206S	NEW 980-3688	58.00	44.00	32.00	24.00	—
		<b>1+</b>	<b>25+</b>	<b>100+</b>	<b>250+</b>	<b>+</b>
STTA1206D	980-3645	94.00	72.00	58.00	52.00	—
STTA1206DI	980-3653	153.00	117.00	95.00	84.00	—
STTA1212D	980-3661	222.00	170.00	125.00	108.00	—
STTA2006P	980-3670	355.00	272.00	200.00	173.00	—
STTA3006CW	980-3696	284.00	217.00	160.00	138.00	—
STTA3006P	980-3700	284.00	217.00	160.00	138.00	—
STTA3006PI	980-3718	384.00	294.00	216.00	187.00	—
STTA506B	NEW 994-6306	85.62	67.65	56.02	—	—
STTA506D	980-3734	86.00	66.00	54.00	42.00	—
STTA512D	980-3742	90.00	69.00	56.00	49.00	—
STTA806D	980-3777	85.00	65.00	53.00	42.00	—
STTH102	990-7866	12.00	9.00	7.00	6.00	—
STTH102A	990-7874	18.00	13.00	10.00	9.00	—
STTH302	990-7955	22.00	17.00	12.00	11.00	—
STTH302S	990-7963	37.00	29.00	22.00	18.00	—
STTH310	990-7980	35.00	27.00	20.00	17.00	—
STTH802CB	993-5975	41.00	31.00	24.00	20.00	—
STTH802CFP	993-5983	48.00	37.00	27.00	23.00	—
STTH802CT	990-8013	40.00	30.00	23.00	19.00	—
STTH806TTI	980-3831	250.00	192.00	141.00	122.00	—
STTH6003CW	980-3815	338.00	259.00	191.00	165.00	—
STTH6003TV1	980-3823	1,553.00	1,204.00	886.00	788.00	—
STTH12R06D	990-7882	96.00	73.00	54.00	47.00	—
STTH1302CT	990-7890	50.00	38.00	28.00	24.00	—
STTH15R06D	990-7904	104.00	80.00	59.00	51.00	—
STTH1L06	990-7920	15.00	12.00	9.00	8.00	—
STTH1L06U	990-7939	20.00	15.00	11.00	10.00	—
STTH2003CFP	990-7947	207.00	159.00	117.00	101.00	—
STTH3R06	990-7998	32.00	25.00	19.00	16.00	—
STTH5L06	990-8005	47.00	36.00	27.00	23.00	—
STTH8L06D	990-8021	72.00	55.00	41.00	35.00	—
STTH8L06FP	993-5991	64.00	49.00	36.00	31.00	—
STTH8R06D	990-8030	75.00	57.00	42.00	37.00	—
STTH8R06FP	990-8048	64.00	49.00	36.00	31.00	—
STTH12R06FP	993-5843	105.00	80.00	59.00	51.00	—
STTH15R06FP	990-7912	211.00	161.00	119.00	102.00	—
STTH30R06CW	990-7971	328.00	251.00	185.00	160.00	—
STTH1002CB	993-5827	46.00	35.00	26.00	22.00	—
STTH1002CT	993-5835	46.00	35.00	26.00	22.00	—
STTH1302CFP	993-5851	50.00	38.00	28.00	24.00	—
STTH1602CFP	993-5860	55.00	42.00	31.00	27.00	—
STTH1602CT	993-5878	52.00	40.00	30.00	25.00	—
STTH2002CFP	993-5886	74.00	56.00	42.00	36.00	—
STTH2002CT	993-5894	73.00	56.00	41.00	35.00	—
STTH3002CT	993-5908	115.00	88.00	65.00	56.00	—
STTH3002CW	993-5916	189.00	145.00	106.00	92.00	—
STTH3L06	993-5924	32.00	25.00	19.00	16.00	—
STTH5L06FP	993-5932	54.00	41.00	31.00	26.00	—
STTH5R06D	993-5940	54.00	41.00	31.00	26.00	—
STTH5R06FP	993-5959	54.00	41.00	31.00	26.00	—
STTH6002CW	993-5967	251.00	192.00	141.00	122.00	—

**Soft-Recovery, Axial**  
For Improved EMI Suppression



DO-15 L=7.6, Dia.=3.6  
DO-201AD L=9.5, Dia.=5.3

Nitride oxide passivated junction, soft-gold doped. **UL94V-0 rated.**

I <sub>F</sub> (av) A	I <sub>FSM</sub> A	t <sub>rr</sub> max ns	V <sub>F</sub> max V	Package	Series
2	80	15	1.07	DO-15 (DO-204AC)	SBYV27...
3.5	150	20	1.1	DO-201AD	SBYV28...

211237

V <sub>RRM</sub> max., V	Mfrs. List No.	Order Code	Price Each			
			5+	25+	100+	250+
50	SBYV27-50	955-0429	31.00			