

**Power Diodes - Fast Recovery - continued**

**SMA, SMB, SMC, SOD-106A - continued**

Glass Passivated - continued

Order Multiple=5	Part No.	Price Each				
		5+	25+	100+	250+	+
US1D.	SMD 421-2733	14.00	14.00	12.00	11.00	--
US1G..	SMD 421-2745	15.00	14.00	12.00	11.00	--
RS2B.	SMD 421-2824	17.00	16.00	14.00	13.00	--
RS2B	SMD 955-0151	17.00	16.00	14.00	13.00	--
RS2D.	SMD 421-2836	18.00	18.00	15.00	14.00	--
RS2D	SMD 955-0160	18.00	18.00	15.00	14.00	--
RS2G.	SMD 421-2848	20.00	18.00	16.00	15.00	--
RS2G	SMD 955-0178	20.00	18.00	16.00	15.00	--
RS2J.	SMD 421-2850	20.00	20.00	17.00	15.00	--
RS2J	SMD 955-0186	20.00	20.00	17.00	15.00	--
GSR3B.	SMD 547-098	25.00	24.00	21.00	19.00	--
GSR3B ()	SMD 955-0194	25.00	24.00	21.00	19.00	--
MCR3B ()	SMD 408-5051	28.00	22.00	20.00	17.00	--
GSR3K.	SMD 547-130	32.00	30.00	26.00	24.00	--
GSR3K ()	SMD 955-0208	32.00	30.00	26.00	24.00	--
MCR3K ()	SMD 408-5060	34.00	25.00	22.00	20.00	--

**0.5A to 6A Axial**



DO-41 L=5.2, Dia.=2.7  
DO-201AD L=9.5, Dia.=5.6  
R1 L=3.5, Dia.=2.6

I <sub>F</sub> (av) A	V <sub>RRM</sub> max A	t <sub>rr</sub> max ns	I <sub>FSM</sub> A	V <sub>F</sub> V	I <sub>F</sub> @ A	Package	Mfr.	Mfrs. List No./Series
1	100	30	30	1.2	1	DO-41	MC	1N4934
1	200	150	30	1.2	1	DO-41	MC	1N4935
1	400	150	30	1.2	1	DO-41	MC	1N4936
1	400	150	30	1.2	1	DO-41	MC	1N4933
1	400	30	150	1.3	1	R1	MC	1F4
1	400	30	150	1.3	1	DO-41	MC	BA157/9
1	1000	30	500	1.3	1	DO-41	MC	FR107
1	1000	30	500	1.3	1	DO-41	MC	PS1010R
2	800	70	250	1.3	3	DO-201AD	MC	BY299
3	1000	200	500	1.3	3	DO-201AD	MC	PS3010R
3	1000	150	150	1.3	3	DO-201AD	MC	FR307
3	200	300	100	1.25	3	DO-201AD	ON	MR85..
<b>Glass Passivated</b>								
1	1000	30	150	1.3	1	DO-41	MC	BA159
1	1000	500	20	1.5	1	DO-41	GS	BA159GP
1	1000	250	30	1.2	1	DO-41	MC	BA159G
1	400	30	150	1.3	1	DO-41	MC	BA157
1	400	150	30	1.2	1	DO-41	MC	BA157G

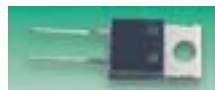
Order Multiple=10	Mfrs. List No.	Order Code	10+	100+	1K+	5K+
V <sub>RRM</sub> max., V						
200	HER103	956-5256	15.00	10.00	8.00	5.00
800	HER107	956-5191	19.00	12.00	10.00	8.00
400	HER305	956-5205	73.00	66.00	61.00	41.00
200	UF102	938-0892	12.00	9.00	7.00	5.00
800	UF108	938-0906	16.00	12.00	11.00	8.00
			5+	100+	500+	1K+
400	UF304	938-0914	62.00	61.00	60.00	42.00

**Fast Recovery Diodes**



SOD-64

SOD-57



SOD-59

- Soft recovery design to minimise circuit switching oscillations and EMI
- Glass passivation and sealing for excellent stability under all conditions
- Very high maximum reverse voltages

I <sub>0</sub> (AV)/I <sub>F</sub> (AV) (A)	V <sub>RRM</sub> (V)	t <sub>rr</sub> (ns)	LEADED PACKAGES		
			SOD57	SOD64	SOD59
1.6	400	250	BYV95B		
1.6	600	250	BYV95C		
1.6	800	250	BYV96E		
3.1	200	250		BYW95A	
3.1	600	250		BYW95C	
3.1	1000	300		BYW96E	
8	600	135			BY229-600
8	1000	135			BY329-1000

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Order Code	Price Each					
	1+	25+	100+	500+	+	
BY229-600	366-390	70.00	56.00	50.00	37.00	--
BY329-1000	366-420	59.00	47.00	42.00	31.00	--
		5+	25+	100+	500+	+
BYV95B	367-424	15.00	13.00	12.00	9.00	--
BYV95C	367-436	15.00	14.00	12.00	9.00	--
BYV96E	367-450	16.00	14.00	12.00	10.00	--
BYW95A	367-461	25.00	23.00	13.00	12.00	--
BYW95C	367-485	28.00	26.00	15.00	14.00	--
BYW96E	367-497	35.00	32.00	18.00	17.00	--

**5A to 60A**

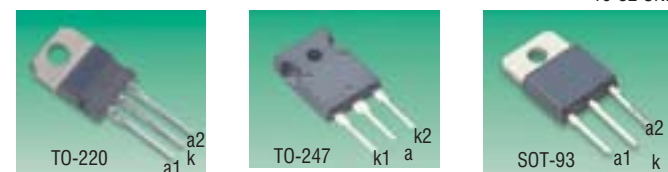


DO-220

SOD-93

Isolated (DOP-3I)

DO-4 10-32 UNF-2A



TO-220

TO-247

SOT-93

I <sub>F</sub> (av) *A	V <sub>rrm</sub> max. V	t <sub>rr</sub> (max.) ns	Package	Mfr.	Mfrs List No.
8	200	35	TO-220AC	ST	BYW80-200
8	200	35	TO-220AC	ST	BYW29-200
8	400	35	TO-220AC	ST	BYT08P-400
8	400	75	TO-220AC Insulated	ST	BYT08PI-400
8	1000	155	TO-220AC Insulated	ST	BYT08PI-1000
10	1500	600	SOD113	PS	BY359-1500
12	600	100	DO-4	IR	12FL60S02PBF
12	1000	50	TO-220AC	ST	BYT12P-1000
12	1000	50	TO-220AC Insulated	ST	BYT12PI-1000
15	200	35	TO-220AC	ST	BYW81P-200
15	200	35	TO-220AC	ST	BYW81PI-200
16	400	35	TO-220AB	ST	BYT16P-400
16	600	90	DO-4	IR	16FL60S02
16	600	90	DO-4	IR	16FL60S02PBF
16	600	90	DO-4	IR	16FLR60S02
16	600	90	DO-4	IR	16FLR60S02PBF
16	1000	225	DO-4	IR	16FL100S05
16	1000	225	DO-4	IR	16FLR100S05
16	1000	225	DO-4	IR	16FLR100S05PBF
20	200	35	TO-220AB	ST	BYW51-200
25	200	50	SOD-93	ST	BYW77P-200
25	200	50	DOP-3I	ST	BYW77PI-200
3	200	35	DO-201AD	ST	BYW98-200
30	200	35	SOT-93 (TO-218)	ST	BYW99P-200
30	400	50	DOP-3I	ST	BYT30PI-400
30	400	50	SOD-93	ST	BYT30P-400
30	1000	70	SOD-93	ST	BYT30P-1000
30	1000	70	DOP-3I	ST	BYT30PI-1000
40	600	70	DO-5	IR	40HFL60S02
40	600	70	DO-5	IR	40HFL60S02PBF
60	200	50	SOT-93 (TO-218)	ST	BYV52-200
60	400	100	SOD-93	ST	BYT60P-400

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**High Efficiency**



- Fast reverse recovery time, t<sub>rr</sub>
- Low forward voltage, V<sub>F</sub>
- Low cost axial packages

I <sub>F</sub> (av) A	I <sub>FSM</sub> A	t <sub>rr</sub> max ns	V <sub>F</sub> V	I <sub>F</sub> @ A	Package	L Dia.	Mfrs. List No./Series
1.0	30	50	1.0	1	DO-41	5.2 2.7	HER100*
1.0	30	50	1.0	1	DO-41	5.2 2.7	UF102
1.0	30	50	1.0	1	DO-41	5.2 2.7	HER107
1.0	30	75	1.7	1	DO-41	5.2 2.7	UF108
3	150	50	1.0	3	DO-201AD	9.5 5.6	HER300*
3.0	150	50	1.1	3.0	DO-201AD	9.5 5.3	UF304
3.0	150	50	1	3	DO-201AD	9.5 5.6	HER305
3.0	150	50	1	3	DO-201AD	9.5 5.6	HER307

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