

ON SEMICONDUCTOR Rectifiers

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ON Semiconductor®



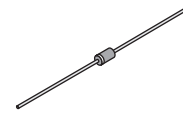
ON Semiconductor Diodes & Rectifiers

FULL BRIDGE RECTIFIER WITH N-CHANNEL MOSFETS

Dual 20V N-Channel MOSFETs with Dual 3.2A Schottky Barrier Diodes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package	Drain-Source Break-down (V)	Gate-Source Break-down (V)	Continuous Drain Current (A)	RDS(on) @ 4.5V (mΩ)	Config.	Power Dissipation (W)	Price Each		
									1	10	100
863-NMLU1210TWG	NMLU1210TWG	UDFN-8 EP	20	10	2.2	17	Dual	1.2	1.57	1.34	1.03

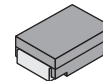


DO-41

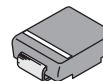
STANDARD RECOVERY

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package	IO (rec) Max. (A)	VRRM Min. (V)	trr Max. (ns)	VF Max. (V)	IFSM Max. (A)	IR Max. (mA)	Price Each		
									1	10	100
863-1N4001G	1N4001G	DO-41	1	50	-	1.1	30	0.01	.18	.163	.058
863-1N4002G	1N4002G	DO-41	1	100	-	1.1	30	0.01	.19	.163	.058
863-1N4003G	1N4003G	DO-41	1	200	-	1.1	30	0.01	.19	.163	.058
863-MRA4003T3G	MRA4003T3G	SMA	1	300	-	1.1	30	0.01	.31	.203	.085
863-MRA4004T3G	MRA4004T3G	SMA	1	400	-	1.1	30	0.01	.28	.197	.082
863-1N4005G	1N4005G	DO-41	1	600	-	1.1	30	0.01	.18	.163	.058
863-MRA4005T3G	MRA4005T3G	SMA	1	600	-	1.1	30	0.01	.28	.197	.082
863-1N4006G	1N4006G	DO-41	1	800	-	1.1	30	0.01	.18	.163	.058
863-1N4006RLG	1N4006RLG	DO-41	1	800	-	1.1	30	0.01	.19	.163	.058
863-MRA4006T3G	MRA4006T3G	SMA	1	800	-	1.1	30	0.01	.31	.203	.085
863-1N4007G	1N4007G	DO-41	1	1000	-	1.1	30	0.01	.19	.163	.058
863-MRA4007T3G	MRA4007T3G	SMA	1	1000	-	1.1	30	0.01	.31	.203	.085
863-1N5400G	1N5400G	DO-201AD	3	50	-	1	200	0.01	.44	.261	.123
863-1N5401G	1N5401G	DO-201AD	3	100	-	1	200	0.01	.37	.261	.12
863-1N5402G	1N5402G	DO-201AD	3	200	-	1	200	0.01	.44	.261	.123
863-1N5404G	1N5404G	DO-201AD	3	400	-	1	200	0.01	.44	.261	.123
863-1N5406G	1N5406G	DO-201AD	3	600	-	1	200	0.01	.44	.261	.123
863-1N5408G	1N5408G	DO-201AD	3	1000	-	1	200	0.01	.44	.261	.123



SMB

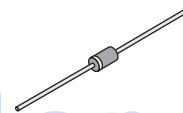


SMA

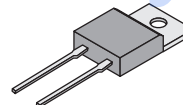
FAST RECOVERY

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package	IO (rec) Max. (A)	VRRM Min. (V)	trr Max. (ns)	VF Max. (V)	IFSM Max. (A)	IR Max. (mA)	Price Each		
									1	10	100
863-1N4933G	1N4933G	DO-41	1	50	200	1.2	30	0.005	.24	.16	.067
863-1N4934G	1N4934G	DO-41	1	100	200	1.2	30	0.005	.24	.16	.067
863-1N4935G	1N4935G	DO-41	1	200	200	1.2	30	0.005	.24	.16	.067
863-1N4936G	1N4936G	DO-41	1	400	200	1.2	30	0.005	.22	.156	.065
863-1N4937G	1N4937G	DO-41	1	600	200	1.2	30	0.005	.22	.156	.065
863-MR852RLG	MR852RLG	DO-201AD	3	200	200	1.25	100	0.01	.45	.267	.126
863-MR854G	MR854G	DO-201AD	3	400	200	1.25	100	0.01	.45	.267	.126
863-MR856G	MR856G	DO-201AD	3	600	200	1.25	100	0.01	.45	.267	.126
863-MURD530T4G	MURD530T4G	DPAK	5	300	50	1.05	75	0.005	1.61	1.37	1.10
863-MURF860G	MURF860G	TO-220FP	8	600	60	1.5	100	0.01	.93	.795	.611
863-MURF1560G	MURF1560G	TO-220FP	15	600	60	1.5	150	0.01	1.34	1.14	.88



DO-201AD

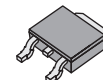


TO-220

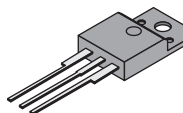
ULTRAFAST RECOVERY

For quantities greater than listed, call for quote.

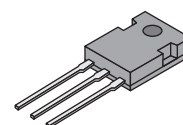
MOUSER STOCK NO.	ON Semi Part No.	Package	IO (rec) Max. (A)	VRRM Min. (V)	trr Max. (ns)	VF Max. (V)	IFSM Max. (A)	IR Max. (mA)	Price Each		
									1	10	100
863-MUR110G	MUR110G	DO-41	1	100	35	0.875	35	0.002	.46	.326	.15
863-MUR115G	MUR115G	DO-41	1	150	35	0.875	35	0.002	.46	.326	.15
863-MUR120G	MUR120G	DO-41	1	200	35	0.875	35	0.002	.55	.326	.154
863-MUR120RLG	MUR120RLG	DO-41	1	200	35	0.875	35	0.002	.55	.326	.154
863-MURS120T3G	MURS120T3G	SMB	1	200	35	0.875	40	0.002	.55	.321	.152
863-MUR140G	MUR140G	DO-41	1	400	75	1.25	35	0.005	.35	.27	.146
863-MUR140RLG	MUR140RLG	DO-41	1	400	75	1.25	35	0.005	.35	.27	.146
863-MURA140T3G	MURA140T3G	SMA	1	400	65	1.1	35	0.005	.44	.295	.164
863-MUR160G	MUR160G	DO-41	1	600	75	1.25	35	0.005	.45	.32	.147
863-MUR160RLG	MUR160RLG	DO-41	1	600	75	1.25	35	0.005	.53	.313	.148
863-MURS160T3G	MURS160T3G	SMB	1	600	75	1.25	35	0.005	.56	.329	.156
863-MUR180EG	MUR180EG	DO-41	1	800	75	1.75	35	0.01	.49	.377	.204
863-MURA210T3G	MURA210T3G	SMA	2	100	30	0.94	50	0.002	.45	.304	.17
863-MURS220T3G	MURS220T3G	SMB	2	200	25	0.95	40	0.002	.43	.329	.179
863-MUR260G	MUR260G	DO-41	2	600	75	1.35	35	0.005	.42	.321	.174
863-MURS260T3G	MURS260T3G	SMB	2	600	50	1.45	35	0.005	.47	.36	.195
863-MURS320T3G	MURS320T3G	SMC	3	200	35	0.875	75	0.005	.59	.49	.299
863-MURS360T3G	MURS360T3G	SMC	3	600	75	1.25	75	0.01	.62	.521	.336
863-MUR410G	MUR410G	DO-201AD	4	100	35	0.89	125	0.005	.47	.395	.24
863-MUR415G	MUR415G	DO-201AD	4	150	35	0.89	125	0.005	.47	.395	.24
863-MUR460G	MUR460G	DO-201AD	4	600	75	1.28	70	0.01	.58	.434	.273
863-MUR460RLG	MUR460RLG	DO-41	4	600	75	0.89	70	0.01	.45	.375	.228
863-MUR480EG	MUR480EG	DO-201AD	4	800	75	1.85	70	0.025	.60	.499	.322
863-MUR4100EG	MUR4100EG	DO-201AD	4	1000	75	1.85	70	0.9	.64	.535	.345
863-MUR620CTG	MUR620CTG	TO-220	6	200	35	0.975	75	0.005	.62	.52	.336
863-MURD620CTT4G	MURD620CTT4G	DPAK	6	200	35	1.2	63	0.005	.61	.478	.308
863-MUR810G	MUR810G	TO-220	8	100	35	0.975	100	0.005	.92	.713	.46
863-MUR815G	MUR815G	TO-220	8	150	35	0.975	100	0.005	.88	.708	.544
863-MUR820G	MUR820G	TO-220	8	200	35	0.975	100	0.005	.93	.724	.467
863-MURH840CTG	MURH840CTG	TO-220	8	400	28	2	100	0.5	1.56	1.25	.964
863-MUR860G	MUR860G	TO-220	8	600	60	1.5	100	0.01	.89	.765	.587
863-MURH860CTG	MURH860CTG	TO-220	8	600	35	2.8	100	0.5	1.56	1.25	.964
863-MURHF860CTG	MURHF860CTG	TO-220FP	8	600	35	2.8	100	0.5	2.09	1.78	1.42
863-MUR880EG	MUR880EG	TO-220	8	800	100	1.8	100	0.01	1.11	.95	.73
863-MUR1510G	MUR1510G	TO-220	15	100	35	1.05	200	0.01	1.13	.966	.742
863-MUR1520G	MUR1520G	TO-220	15	200	35	1.05	200	0.01	1.07	.918	.705
863-MUR1560G	MUR1560G	TO-220	15	600	60	1.5	150	0.01	1.31	1.12	.862
863-MUR1610CTG	MUR1610CTG	TO-220	16	100	35	0.975	100	0.005	.86	.74	.569
863-MUR1620CTG	MUR1620CTG	TO-220	16	200	35	0.975	100	0.005	.92	.74	.569
863-MUR1620CTRG	MUR1620CTRG	TO-220	16	200	85	1.2	100	0.005	1.67	1.35	1.08
863-MURF1620CTG	MURF1620CTG	TO-220FP	16	200	25	0.975	100	0.005	1.70	1.36	1.04
863-MUR1640CTG	MUR1640CTG	TO-220	16	400	60	1.3	100	0.25	1.44	1.15	.89
863-MUR2020RG	MUR2020RG	TO-220	20	200	95	1.1	250	0.05	2.41	1.95	1.56
863-MUR3020WTG	MUR3020WTG	TO-247	30	200	35	1.05	150	0.01	3.43	2.75	2.51



DPAK



TO-220FP



TO-247



SMC