

TAIWAN SEMICONDUCTOR Standard Rectifiers



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Taiwan Semiconductor Diodes & Rectifiers

STANDARD RECTIFIERS

◆ Surface Mount Device

MOUSER STOCK NO.	Taiwan Semi Part No.	Package	Peak Fwd./Rev. Surge Current IFSM (A)	Max. Reverse Voltage VRM (V)	Max. Aver. Rect. Current I _o (A)	Price Each			MOUSER STOCK NO.	Taiwan Semi Part No.	Package	Peak Fwd./Rev. Surge Current IFSM (A)	Max. Reverse Voltage VRM (V)	Max. Aver. Rect. Current I _o (A)	Price Each		
						1	10	100							1	10	100
						For quantities greater than listed, call for quote.									For quantities greater than listed, call for quote.		
821-1N4001	1N4001	DO-41	30	50	1	.18	.148	.052	821-1N5399G	1N5399G	DO-15	50	1000	1.5	.28	.185	.077
821-S1A	S1A	DO-214AC	30	50	1	.25	.167	.069	821-S2D	S2D	DO-214AA	50	200	2	.42	.242	.104
821-1N4002	1N4002	DO-41	30	100	1	.18	.148	.052	821-S2G	S2G	DO-214AA	50	400	2	.50	.291	.125
821-S1B	S1B	DO-214AC	30	100	1	.25	.167	.069	821-S2J	S2J	DO-214AA	50	600	2	.50	.291	.125
821-1N4003	1N4003	DO-41	30	200	1	.18	.148	.052	821-S2M	S2M	DO-214AA	50	1000	2	.50	.291	.125
821-S1D	S1D	DO-214AC	30	200	1	.25	.167	.069	821-2A01	2A01	DO-15	60	50	2	.21	.139	.058
821-S1DL	S1DL	Sub-SMA	30	200	1	.53	.306	.131	821-2A02	2A02	DO-15	60	100	2	.21	.139	.058
821-1N4004	1N4004	DO-41	30	400	1	.18	.148	.052	821-2A03	2A03	DO-15	60	200	2	.21	.139	.058
821-S1G	S1G	DO-214AC	30	400	1	.25	.167	.069	821-2A04	2A04	DO-15	60	400	2	.21	.139	.058
821-S1GL	S1GL	Sub-SMA	30	400	1	.28	.188	.078	821-2A05	2A05	DO-15	60	600	2	.21	.139	.058
821-1N4005	1N4005	DO-41	30	600	1	.18	.148	.052	821-2A06	2A06	DO-15	60	800	2	.22	.147	.061
821-S1J	S1J	DO-214AC	30	600	1	.28	.185	.077	821-2A07	2A07	DO-15	60	1000	2	.23	.153	.064
821-S1JL	S1JL	Sub-SMA	30	600	1	.28	.188	.078	821-S3A	S3A	DO-214AB	100	50	3	.56	.33	.155
821-1N4006	1N4006	DO-41	30	800	1	.18	.148	.052	821-S3D	S3D	DO-214AB	100	200	3	.56	.33	.155
821-S1K	S1K	DO-214AC	30	800	1	.28	.185	.077	821-S3G	S3G	DO-214AB	100	400	3	.56	.33	.155
821-1N4007	1N4007	DO-41	30	1000	1	.18	-	.148	821-S3J	S3J	DO-214AB	100	600	3	.56	.33	.155
821-S1M	S1M	DO-214AC	30	1000	1	.28	.185	.077	821-S3K	S3K	DO-214AB	100	800	3	.56	.33	.155
821-S1ML	S1ML	Sub-SMA	30	1000	1	.30	.202	.084	821-S3M	S3M	DO-214AB	100	1000	3	.56	.33	.155
821-1N5391	1N5391	DO-15	50	50	1.5	.18	.149	.052	821-1N5400	1N5400	DO-201AD	200	50	3	.45	.259	.111
821-1N5391G	1N5391G	DO-15	50	50	1.5	.28	.185	.077	821-1N5401	1N5401	DO-201AD	200	100	3	.48	.279	.132
821-1N5392	1N5392	DO-15	50	100	1.5	.19	.156	.055	821-1N5402	1N5402	DO-201AD	200	200	3	.48	.279	.132
821-1N5393G	1N5393G	DO-15	50	100	1.5	.28	.185	.077	821-1N5404	1N5404	DO-201AD	200	400	3	.45	.259	.111
821-1N5395	1N5395	DO-15	50	400	1.5	.20	.165	.058	821-1N5406	1N5406	DO-201AD	200	600	3	.45	.259	.111
821-1N5395G	1N5395G	DO-15	50	400	1.5	.28	.185	.077	821-1N5407	1N5407	DO-201AD	200	800	3	.45	.259	.111
821-1N5398	1N5398	DO-15	50	800	1.5	.21	.178	.063	821-1N5408	1N5408	DO-201AD	200	1000	3	.48	.279	.132
821-1N5399	1N5399	DO-15	50	1000	1.5	.21	.178	.063	821-GP1605	GP1605	TO-220AB	150	600	16	.88	.681	.44

Datasheet Support

SUPERFAST RECTIFIERS

◆ Surface Mount Device

MOUSER STOCK NO.	Taiwan Semi Part No.	Package	Peak Fwd./Rev. Surge Current IFSM (A)	Max. Reverse Voltage VRM (V)	Max. Aver. Rect. Current I _o (A)	Price Each			MOUSER STOCK NO.	Taiwan Semi Part No.	Package	Peak Fwd./Rev. Surge Current IFSM (A)	Max. Reverse Voltage VRM (V)	Max. Aver. Rect. Current I _o (A)	Price Each		
						1	10	100							1	10	100
						For quantities greater than listed, call for quote.									For quantities greater than listed, call for quote.		
821-SF12	SF12	DO-41	30	100	1	.40	.267	.111	821-ES2B	ES2B	DO-214AA	50	100	2	.57	.334	.158
821-ES1B	ES1B	DO-214AC	30	100	1	.43	.249	.107	821-ES2D	ES2D	DO-214AA	50	200	2	.57	.334	.158
821-ES1BL	ES1BL	Sub-SMA	30	100	1	.52	.302	.13	821-ES2G	ES2G	DO-214AA	50	400	2	.57	.334	.158
821-SF14	SF14	DO-41	30	200	1	.40	.267	.111	821-ES2J	ES2J	DO-214AA	50	600	2	.47	.313	.175
821-ES1D	ES1D	DO-214AC	30	200	1	.43	.249	.107	821-ES3G	ES3G	DO-214AB	100	400	3	.50	.334	.222
821-ES1DL	ES1DL	Sub-SMA	30	200	1	.53	.306	.131	821-ES3J	ES3J	DO-214AB	100	600	3	.54	.363	.24
821-SF16	SF16	DO-41	30	400	1	.40	.267	.111	821-ES34	SF34	DO-201AD	125	200	3	.41	.276	.154
821-ES1GL	ES1GL	Sub-SMA	30	400	1	.53	.306	.131	821-SF36	SF36	DO-201AD	125	400	3	.41	.276	.154
821-ES1HL	ES1HL	Sub-SMA	30	500	1	.55	.317	.136	821-SF1006G	SF1006G	TO-220AB	125	400	10	.78	.604	.39
821-SF18	SF18	DO-41	30	600	1	.33	.221	.092	821-SF1604G	SF1604G	TO-220AB	125	200	16	.94	.733	.583
821-ES1J	ES1J	DO-214A	30	600	1	.52	.304	.13	821-SF1606G	SF1606G	TO-220AB	125	400	16	.98	.758	.603
821-ES1JL	ES1JL	Sub-SMA	30	600	1	.55	.317	.136	821-SF1608G	SF1608G	TO-220AB	125	600	16	1.03	.80	.636

HIGH EFFICIENCY RECTIFIERS

For quantities greater than listed, call for quote.

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						1	10	100
821-HER102	HER102	DO-41	30	100	1	.28	.185	.077
821-HER103	HER103	DO-41	30	200	1	.28	.185	.077
821-HER104	HER104	DO-41	30	300	1	.28	.185	.077
821-HER105	HER105	DO-41	30	400	1	.28	.185	.077
821-HER107	HER107	DO-41	30	800	1	.28	.185	.077
821-HER108	HER108	DO-41	30	1000	1	.28	.185	.077
821-MUR160	MUR160	DO-15	35	600	1	.44	.261	.123
821-MUR820	MUR820	TO-220AC	100	200	8	.77	.597	.386
821-MUR1620CT	MUR1620CT	TO-220AB	100	200	16	.97	.754	.487