

ST MICROELECTRONICS Rectifiers

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Diodes & Rectifiers

STMicroelectronics

POWER SCHOTTKY RECTIFIERS (CONT.)

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◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Case Type	V _{RRM} Max. (V)	V _F @ I _F Max. (V)	I _{FSM} Max. (A)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
◆	511-STPS20M60SR	I2PAK	60	0.50/10.0	600	2.10	1.90	1.65
◆	511-STPS20M60ST	TO-220AB	60	0.50/10.0	600	3.11	2.72	2.43
◆	511-STPS20SM60SG-TR	D2PAK	60	0.50/10.0	600	1.87	1.69	1.46
◆	511-STPS20M60SR	I2PAK	60	0.50/10.0	600	1.89	1.71	1.48
◆	511-STPS20M60ST	TO-220AB	60	0.50/10.0	600	1.85	1.67	1.45
◆	511-STPS30M60SG-TR	D2PAK	60	0.515/15.0	600	2.53	2.28	1.98
◆	511-STPS30M60SR	I2PAK	60	0.515/15.0	600	3.11	2.72	2.43
◆	511-STPS30M60ST	TO-220AB	60	0.515/15.0	600	2.02	1.82	1.58
◆	511-STPS30SM60D	TO-220AC	60	0.54/15.0	400	1.85	1.67	1.45
◆	511-STPS20M60CG-TR	D2PAK	60	0.50/5.0	300	3.30	2.89	2.58
◆	511-STPS20M60CR	I2PAK	60	0.50/5.0	300	2.12	1.92	1.66
◆	511-STPS20M60CT	TO-220AB	60	0.50/5.0	300	3.19	2.79	2.49
◆	511-STPS20SM60CFP	TO-220FPAB	60	0.50/5.0	300	2.04	1.84	1.60
◆	511-STPS20SM60CG-TR	D2PAK	60	0.50/5.0	300	3.30	2.89	2.58
◆	511-STPS20SM60CR	I2PAK	60	0.50/5.0	300	2.12	1.92	1.66
◆	511-STPS20SM60CT	TO-220AB	60	0.50/5.0	300	3.19	2.79	2.49
◆	511-STPS30H60CKY-TR	PowerSO-20	60	----/0.515	250	6.17	5.57	4.83
◆	511-STPS10M80CR	I2PAK	80	0.465/0.495	150	1.19	1.07	.933
◆	511-STPS10M80CG-TR	D2PAK	80	0.58/2.5	150	1.29	1.17	1.01
◆	511-STPS10M80CT	TO-220AB	80	0.61/2.5	150	1.25	1.16	.98
◆	511-STPS10SM80CFP	TO-220FPAB	80	0.61/2.5	150	1.23	1.12	.96
◆	511-STPS10SM80CG-TR	D2PAK	80	0.61/2.5	150	1.23	1.11	.966
◆	511-STPS10SM80CR	I2PAK	80	0.61/2.5	150	1.21	1.10	.95
◆	511-STPS10SM80CT	TO-220AB	80	0.61/2.5	150	1.18	1.05	.93
◆	511-STPS15M80CFP	TO-220FPAB	80	0.56/3	220	1.60	1.42	1.25
◆	511-STPS15M80CG-TR	D2PAK	80	0.56/3	220	1.57	1.42	1.23
◆	511-STPS15M80CR	I2PAK	80	0.56/3	220	1.55	1.42	1.21
◆	511-STPS15M80CT	TO-220AB	80	0.56/3	220	1.53	1.27	1.19
◆	511-STPS15SM80CFP	TO-220FPAB	80	0.60/3	150	1.51	1.32	1.18
◆	511-STPS15SM80CR	I2PAK	80	0.60/3	150	1.48	1.32	1.16
◆	511-STPS15SM80CT	TO-220AB	80	0.60/3	150	1.43	1.28	1.12
◆	511-STPS15SM80CG-TR	D2PAK	80	0.60/3.0	150	1.60	1.42	1.25
◆	511-STPS20M80CFP	TO-220FPAB	80	0.61/5.0	220	1.30	1.18	1.02
◆	511-STPS20M80CG-TR	D2PAK	80	0.61/5.0	220	1.12	1.01	.88
◆	511-STPS20M80CR	I2PAK	80	0.61/5.0	220	.72	.653	.566
◆	511-STPS20M80CT	TO-220AB	80	0.61/5.0	220	1.23	1.12	.96
◆	511-STPS20SM80CFP	TO-220FPAB	80	0.64/5	220	1.76	1.58	1.38
◆	511-STPS20SM80CG-TR	D2PAK	80	0.64/5	220	1.83	1.65	1.43
◆	511-STPS20SM80CR	I2PAK	80	0.64/5	220	1.65	1.49	1.30
◆	511-STPS20SM80CT	TO-220AB	80	0.64/5	220	1.91	1.52	1.27
◆	511-STPS30M80CG-TR	D2PAK	80	0.62/7.5	220	1.59	1.54	1.44
◆	511-STPS30M80CFP	TO-220FPAB	80	0.62/7.5	220	1.83	1.65	1.43
◆	511-STPS30M80CR	I2PAK	80	0.62/7.5	220	1.64	1.48	1.29
◆	511-STPS30M80CT	TO-220AB	80	0.62/7.5	220	1.60	1.42	1.25
◆	511-STPS30SM80CFP	TO-220FPAB	80	0.65/7.5	220	1.74	1.56	1.36
◆	511-STPS30SM80CR	I2PAK	80	0.65/7.5	220	1.57	1.44	1.23
◆	511-STPS30SM80CT	TO-220AB	80	0.65/7.5	220	1.51	1.32	1.18
◆	511-STPS30SM80CG-TR	D2PAK	80	0.65/7.5	220	1.65	1.50	1.30
◆	511-STPS40M80CG-TR	D2PAK	80	0.60/10	200	3.04	2.75	2.38
◆	511-STPS40M80CR	I2PAK	80	0.60/10	200	2.94	2.71	2.33
◆	511-STPS40M80CT	TO-220AB	80	0.60/10	200	2.82	2.61	2.23
◆	511-STPS40SM80CFP	TO-220FPAB	80	0.65/10	200	2.30	2.15	1.82
◆	511-STPS40SM80CG-TR	D2PAK	80	0.65/10	200	2.78	2.51	2.18
◆	511-STPS40SM80CR	I2PAK	80	0.65/10	200	2.71	2.53	2.14
◆	511-STPS40SM80CT	TO-220AB	80	0.65/10	200	2.30	2.15	1.82
◆	511-STPS1H100A	DO-214AC	100	0.58/0.62	50	.21	.18	.16
◆	511-STPS1H100AF	DO-221AC	100	0.58/0.62	50	.19	.173	.15
◆	511-STPS1H100AY	DO-214AC	100	0.58/0.62	50	.29	.26	.25
◆	511-STPS1H100U	DO-214AA	100	0.58/0.62	50	.29	.26	.24
◆	511-STPS2H100A	DO-214AC	100	0.60/0.65	75	.53	.47	.41
◆	511-STPS2H100AY	DO-214AC	100	0.60/0.65	75	.67	.63	.46
◆	511-STPS2H100U	DO-214AA	100	0.60/0.65	75	.59	.52	.45
◆	511-STPS2H100UY	DO-214AA	100	0.60/0.65	75	.26	.24	.208
◆	511-STPS3H100UF	SMBFlat	100	----/0.84	75	.57	.45	.307
◆	511-STPS3H100U	DO-214AA	100	0.63/0.68	75	.24	.223	.193
◆	511-STPS5H100B	TO-252	100	0.57/0.61	75	1.46	1.20	.95
◆	511-STPS5H100B-TR	TO-252	100	0.57/0.61	75	1.02	.90	.72
◆	511-STPS8H100D	TO-220AB	100	0.56/0.58	250	1.02	.95	.80
◆	511-STPS15H100CB	TO-252	100	0.62/0.67	75	.77	.72	.61
◆	511-STPS15H100CB-TR	TO-252	100	0.62/0.67	75	.77	.72	.61
◆	511-STPS20S100CT	TO-220AB	100	0.57/0.61	180	.68	.617	.535
◆	511-STPS20H100CG-TR	TO-263	100	0.59/0.64	250	1.21	1.07	.92
◆	511-STPS20H100CT	TO-220AB	100	0.59/0.64	250	1.72	1.55	1.27
◆	511-STPS30100ST	TO-220AB	100	0.385/----	300	1.43	1.28	1.12
◆	511-STPS30M100DJF-TR	PowerFLAT	100	0.58/0.66	200	2.94	2.52	2.05
◆	511-STPS30H100CW	TO-247	100	0.64/0.67	250	1.84	1.62	1.40
◆	511-STPS61H100CW	TO-247	100	0.63/0.67	450	2.91	2.74	2.25
◆	511-STPS80H100TV	ISOTOP	100	0.61/0.65	700	22.16	20.72	18.56
◆	511-STPS20M120SR	I2PAK	120	0.47/0.52	240	1.71	1.54	1.43
◆	511-STPS20SM120SR	I2PAK	120	0.49/0.54	220	1.44	1.30	1.20
◆	511-STPS30M120SR	I2PAK	120	0.45/0.50	260	2.22	2.00	1.85
◆	511-STPS30SM120SR	I2PAK	120	0.47/0.52	240	1.98	1.79	1.65
◆	511-STPS20120D	TO-220AB	120	0.54/0.58	200	.95	.89	.71
◆	511-STPS30L120CR	I2PAK	120	0.57/0.51	220	1.12	1.01	.88
◆	511-STPS40120CT	TO-220AB	120	0.57/0.61	200	1.78	1.61	1.43
◆	511-STPS40M120CR	I2PAK	120	0.44/0.49	220	1.44	1.30	1.20
◆	511-STPS40M120CT	TO-220AB	120	0.44/0.49	220	3.54	3.19	2.95
◆	511-STPS40SM120CR	I2PAK	120	0.46/0.51	210	3.30	2.97	2.75



◆ Surface Mount Device

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MOUSER STOCK NO.		Case Type	V _{RRM} Max. (V)	V _F @ I _F Max. (V)	I _{FSM} Max. (A)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
◆	511-STPS40SM120CT	TO-220AB	120	0.46/0.51	210	3.12	2.81	2.60
◆	511-STPS1150	DO-41	150	0.62/0.67	75	.15	.138	.12
◆	511-STPS1150A	DO-214AC	150	0.62/0.67	50	.61	.47	.34
◆	511-STPS2150	DO-15	150	0.62/0.67	150	.29	.26	.25
◆	511-STPS2150A	DO-214AC	150	0.62/0.67	75	.29	.26	.24
◆	511-STPS3150RL	DO-201AD	150	0.63/0.67	100	.26	.23	.20
◆	511-STPS3150U	DO-214AA	150	0.63/0.67	100	.32	.298	.258
◆	511-STPS3150UF	DO-214AA	150	0.63/0.67	100	.37	.33	.29
◆	511-STPS10150CFP	TO-220FPAB	150	0.69/0.75	120	1.19	1.07	.90
◆	511-STPS20150CFP	TO-220FPAB	150	0.69/0.75	180	1.24	1.15	.97
◆	511-STPS61150CW	TO-247	150	0.63/0.67	500	3.09	2.99	2.73
◆	511-STPS30170DJF-TR	PowerFLAT	170	0.65/0.70	200	3.42	2.93	2.39
◆	511-STPS10170CB-TR	DPAK	170	0.69/0.75	75	1.92	1.55	1.40
◆	511-STPS40170CT	TO-220AB	170	0.69/0.75	250	2.23	2.04	1.77
◆	511-STPS80170CW	TO-247	170	0.68/0.74	500	4.57	4.07	3.34
◆	511-STPSC806G-TR	D2PAK	600	1.4/1.7	30	16.70	14.04	12.90

POWER SCHOTTKY SILICON CARBIDE DIODES



◆ Surface Mount Device

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MOUSER STOCK NO.		Case Type	V _{RRM} Max. (V)	V _F @ I _F Max. (V)	I _{FSM} Max. (A)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
◆	511-STPSC2006CW	TO-247	600	1.4/1.7	40	17.16	16.64	14.18
◆	511-STPSC406B-TR	TO-252	600	1.55/1.9	250	5.20	4.69	4.06
◆	511-STPSC1006G-TR	TO-263	600	1.4/1.7	160	20.79	17.48	16.06
◆	511-STPSC6H065B-TR	DPAK	650	1.75/6	60	7.62	6.25	5.64
◆	511-STPSC6H065D	TO-220AC	650	1.75/6	60	10.75	8.91	7.68
◆	511-STPSC6H065G-TR	D2PAK	650	1.75/6	60	11.03	9.14	7.88

SMALL SIGNAL SCHOTTKY RECTIFIERS

◆ Surface Mount Device

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MOUSER STOCK NO.		Case Type	V _{RRM} Max. (V)	V _F @ I _F Max. (V)	I _{FSM} Max. (A)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
◆	511-BAT60JFILM	SOD-323	10	0.53/0.58	5	.14	.12	.104
◆	511-BAT20JFILM	SOD-323	23	0.54/0.62	5	.13	.115	.10
◆	511-BAR42FILM	SOT-23	30	0.35/0.40	0.75	.09	.08	.077
◆	511-BAR43AFILM							