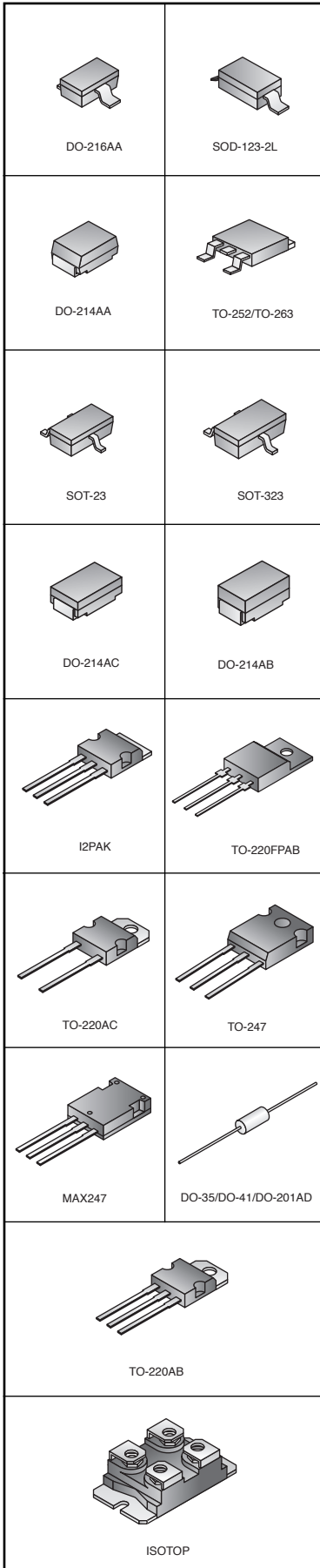


STMICROELECTRONICS Rectifiers



STMICROELECTRONICS SCHOTTKY RECTIFIERS

For quantities of 2000 and up, call for quote.



MOUSER STOCK NO.		Case Type	VRMM Max. (V)	IF Max. (A)	VF @ IF Max. (V)	Tj Max. (C)	IFSM Max. (A)	Price Each			
Mfr.	Mfr. Part No.							1	100	500	1000
Surface Mount											
511	—STPS0520M	DO-216AA	20	0.5	0.33	5.5	150	.21	.19	.17	.15
511	—STPS0520Z	SOD-123-2L	20	0.5	0.3	5.5	125	.26	.22	.20	.18
511	—STPS5L25B	TO-252	25	5	0.47	75	150	.90	.77	.68	.63
511	—BAR42FILM	SOT-23	30	0.1	1	0.75	150	.09	.07	.06	.06
511	—BAR43FILM	SOT-23	30	0.1	1	0.75	150	.09	.07	.06	.06
511	—BAR43AFILM	SOT-23	30	0.1	1	0.75	150	.08	.06	.06	.05
511	—BAR43CFILM	SOT-23	30	0.1	1	0.75	150	.09	.07	.06	.06
511	—BAR43SFILM	SOT-23	30	0.1	1	0.75	150	.09	.07	.06	.06
511	—BAT54FILM	SOT-23	30	0.3	0.9	1	150	.20	.17	.15	.14
511	—BAT54AFILM	SOT-23	30	0.3	0.9	1	150	.22	.19	.17	.16
511	—BAT54AWFILM	SOT-323	30	0.3	0.9	1	150	.08	.06	.06	.05
511	—BAT54CFILM	SOT-23	30	0.3	0.9	1	150	.09	.07	.06	.06
511	—BAT54SFILM	SOT-23	30	0.3	0.9	1	150	.09	.07	.06	.06
511	—STPS1L30U	DO-214AA	30	1	0.3	75	150	.20	.17	.15	.14
511	—STPS15L30CB	TO-252	30	2 X 7.5	0.57	75	150	1.00	.85	.75	.69
511	—STPS140U	DO-214AA	40	1	0.5	60	150	.21	.19	.17	.15
511	—STPS140A	DO-214AC	40	1	0.55	60	150	.15	.12	.10	.10
511	—STPS2L40U	DO-214AA	40	2	0.34	75	150	.46	.39	.35	.32
511	—STPS340B	TO-252	40	3	0.63	75	150	.74	.63	.48	.48
511	—STPS340S	DO-214AB	40	3	0.63	75	150	.39	.34	.30	.27
511	—STPS340U	DO-214AA	40	3	0.63	75	150	.37	.32	.29	.26
511	—STPS640CB	TO-252	40	2 X 3	0.63	75	150	1.14	.97	.86	.79
511	—STPS15L45CB	TO-252	45	2 X 7.5	0.64	75	150	.78	.62	.49	.40
511	—STPS1545CG	TO-263	45	2 X 7.5	0.84	150	175	1.30	1.11	.98	.90
511	—STPS2045CR	I2PAK	45	2 X 10	0.84	180	175	.85	.67	.59	.54
511	—STPS30L45CR	I2PAK	45	2 X 15	0.55	220	150	1.27	1.11	.98	.88
511	—STPS41L45CG	TO-263	45	2 X 20	0.68	220	150	1.80	1.53	1.35	1.24
511	—STPS160A	DO-214AC	60	1	0.67	75	150	.33	.29	.26	.23
511	—STPS160U	DO-214AA	60	1	0.67	75	150	.50	.43	.38	.35
511	—STPS15L60CB	TO-252	60	2 X 7.5	0.82	75	150	1.00	.85	.75	.69
511	—STPS41L60CG	TO-263	60	2 X 20	0.77	220	150	2.20	1.87	1.65	1.52
511	—BAR18FILM	SOT-23	70	0.15	0.41	-----	150	.11	.09	.08	.07
511	—BAS70-04FILM	SOT-23	70	0.15	0.41	-----	150	.08	.06	.06	.05
511	—BAS70-05FILM	SOT-23	70	0.15	0.41	-----	150	.15	.12	.09	.07
511	—BAS70-06FILM	SOT-23	70	0.15	0.41	-----	150	.34	.29	.26	.24
511	—STPS1H100U	DO-214AA	100	1	0.77	50	175	.68	.58	.51	.47
511	—STPS5H100B	TO-252	100	5	0.61	75	175	1.12	.95	.84	.77
511	—STPS8H100G	TO-263	100	8	0.58	250	175	1.38	1.17	1.04	.96
511	—STPS20H100CG-TR	TO-263	100	2 X 5	0.64	250	175	1.24	.97	.86	.79
511	—STPS15H100CB	TO-252	100	2 X 7.5	0.89	75	175	1.00	.85	.74	.66
511	—STPS41H100CG	TO-263	100	2 X 20	0.9	220	175	2.40	2.04	1.80	1.66
511	—STPS1150M	DO-216AA	150	1	0.82	150	50	.20	.17	.15	.14
511	—STPS2150A	DO-214AC	150	2	0.67	75	175	.20	.17	.15	.14
Thru Hole											
511	—STPS20L15D	TO-220AC	15	20	0.41	310	125	2.06	1.75	1.55	1.43
511	—STPS40L15CW	TO-247	15	2 X 20	0.52	310	150	3.02	2.64	2.33	2.09
511	—BAT47	DO-35	20	0.35	0.5	7.5	125	.14	.12	.11	.09
511	—BAT48	DO-35	20	0.35	0.75	7.5	125	.14	.12	.11	.09
511	—1N5817	DO-41	20	1	0.45	25	150	.09	.07	.06	.06
511	—1N5820	DO-201AD	20	3	0.475	80	150	.18	.14	.13	.12
511	—STPS10L25D	TO-220AC	25	10	0.46	200	150	1.17	1.02	.90	.81
511	—STPS20L25CT	TO-220AB	25	2 X 10	0.35	220	150	2.20	1.87	1.65	1.52
511	—STPS15L25D	TO-220AC	25	15	0.46	250	150	1.74	1.48	1.31	1.21
511	—BAT42	DO-35	30	0.2	1	4	125	.14	.12	.11	.09
511	—BAT43	DO-35	30	0.2	1	4	125	.14	.12	.11	.09
511	—1N5818	DO-41	30	1	0.55	25	150	.09	.07	.06	.06
511	—1N5821	DO-201AD	30	3	0.5	80	150	.18	.14	.13	.12
511	—STPS30L30CT	TO-220AB	30	2 X 15	0.37	220	150	1.33	1.16	1.02	.92
511	—STPS60L30CW	TO-247	30	2 X 30	0.38	600	150	3.12	2.72	2.40	2.16
511	—1N5819	DO-41	40	1	0.6	25	150	.14	.11	.10	.09
511	—1N5822	DO-201AD	40	3	0.525	80	150	.18	.14	.13	.12
511	—STPS10L40CT	TO-220AB	40	2 X 5	0.67	150	150	.74	.63	.56	.52
511	—STPS30L40CT	TO-220AB	40	2 X 15	0.37	220	150	1.52	1.29	1.14	1.05
511	—STPS30L40CW	TO-247	40	2 X 15	0.74	220	150	2.30	1.96	1.73	1.59
511	—STPS745D	TO-220AC	45	7.5	0.84	150	175	.60	.53	.47	.42
511	—STPS1045D	TO-220AB	45	10	0.84	180	175	.70	.55	.43	.35
511	—STPS1545D	TO-220AC	45	15	0.57	220	175	.58	.45	.40	.37
511	—STPS1545CT	TO-220AB	45	2 X 7.5	0.57	150	175	.74	.65	.57	.51
511	—STPS2045CT	TO-220AB	45	2 X 10	0.84	180	175	1.16	.99	.87	.80
511	—STPS3045CT	TO-220AB	45	2 X 15	0.84	220	175	.89	.69	.62	.57
511	—STPS3045CW	TO-247	45	2 X 15	0.84	220	175	2.10	1.79	1.58	1.45
511	—STPS4045CW	TO-247	45	2 X 20	0.94	220	175	2.28	1.94	1.71	1.57
511	—STPS6045CW	TO-247	45	2 X 30	0.84	400	175	3.12	2.72	2.40	2.16
511	—STPS12045TV	ISOTOP	45	2 X 60	0.91	900	150	24.15	18.90	16.80	15.44
511	—STPS16045TV	ISOTOP	45	2 X 80	0.95	900	150	27.69	21.67	19.26	17.70
511	—STPS24045TV	ISOTOP	45	2 X 120	0.67	1500	150	34.72	29.51	26.04	23.96
511	—1N6263	DO-35	60	0.15	1	50	200	.15	.12	.09	.07
511	—1N5711	DO-35	70	0.15	1	-----	200	.10	.09	.08	.07
511	—BAT41	DO-35	100	0.1	0.45	0.75	125	.14	.12	.11	.09
511	—BAT46	DO-35	100	0.15	0.25	0.75	115	.14	.12	.11	.10
511	—STPS8H100D	TO-220AB	100	8	0.71	250	175	.88	.77	.68	.61
511	—STPS20H100CT	TO-220AB	100	2 X 10	0.77	250	175	1.56	1.36	1.20	1.08
511	—STPS30H100CW	TO-247	100	2 X 15	0.67	250	175	2.44	2.07	1.83	1.68
511	—STPS41H100CT	TO-220AB	100	2 X 20	0.9	220	175	2.30	1.96	1.73	1.59
511	—STPS160H100TV	ISOTOP	100	2 X 80	0.68	1000	150	35.42	27.72	24.64	22.64
511	—STPS1150	DO-41	150	1	0.82	75	175	.14	.12	.11	.09
511	—STPS10150CT	TO-220AB	150	2 X 5	1	120	175	1.20	1.02	.90	.83
511	—STPS16150CT	TO-220AB	150	2 X 8	1	150	175	1.40	1.19	1.04	.93
511	—STPS20150CFP	TO-220FPAB	150	2 X 10	0.92	189	175	1.15	.90	.80	.74
511	—STPS20150CT	TO-220AB	150	2 X 10	1	180	175	1.60	1.36	1.19	1.07
511	—STPS30150CT	TO-220AB	150	2 X 15	1	220	175	1.80	1.53	1.35	1.24
511	—STPS30150CW	TO-247	150	2 X 15	1	220	175	3.00	2.55	2.25	2.07

