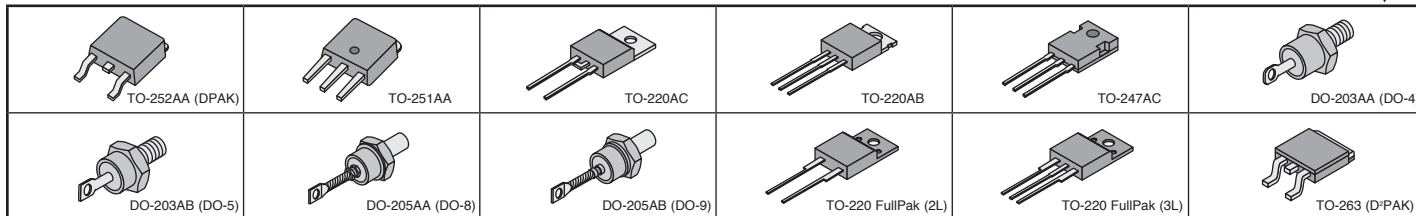


VISHAY Rectifiers

Products may be RoHS compliant. Check mouser.com for RoHS status.



◆ Surface Mount Device † Cathode-to-Stud Polarity * Anode-to-Stud Polarity

VISHAY HIGH PERFORMANCE SCHOTTKY RECTIFIERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V _{RRM} (V)	I _{FSM} (A)	Price Each			
					1	10	100	500
6.0 Amp								
◆ 844-6CWT04FN	6CWT04FN	TO-252AA	45	440	1.49	.99	.694	.694
844-6CUT04	4CUT04	TO-251AA	45	440	1.49	.99	.694	.694
8.0 Amp								
844-8TT100	8TT100	TO-220AC	100	850	.67	.65	.58	.475
10 Amp								
◆ 844-10WT10FN	10WT10FN	TO-252AA	100	610	.72	.66	.426	.426
844-10UT10	10UT10	TO-251AA	100	610	.72	.66	.426	.426
844-MBR10T100	MBR10T100	TO-220AC	100	850	.57	.53	.42	.364
15 Amp								
844-15TT100	15TT100	TO-220AC	100	920	.69	.65	.50	.41
16 Amp								
844-16CTT100	16CTT100	TO-220AB	100	850	1.10	1.04	.701	.647
20 Amp								
◆ 844-20WT04FN	20WT04FN	TO-252AA	45	900	1.07	.97	.63	.63
844-20UT04	20UT04	TO-251AA	45	900	1.07	.97	.84	.77
◆ 844-20CWT10FN	20CWT10FN	TO-252AA	100	610	1.07	.97	.63	.63
844-20CUT10	20CUT10	TO-251AA	100	610	1.07	.97	.75	.71
844-21TT100	21TT100	TO-220AB	100	660	.87	.84	.645	.521
844-MBR20T100CT	MBR20T100CT	TO-220AB	100	850	.67	.64	.528	.426
844-20TT100	20TT100	TO-220AC	100	900	.81	.78	.60	.50
30 Amp								
844-30CTT045	30CTT045	TO-220AB	45	880	.98	.94	.71	.58
844-30CPT100	30CPT100	TO-247AC	100	920	1.40	1.00	.855	.827
844-30CTT100	30CTT100	TO-220AB	100	920	1.02	.96	.726	.643
844-30PT100	30PT100	TO-247AC	100	2200	2.24	2.13	1.97	1.85
40 Amp								
844-43CTT100	43CTT100	TO-220AB	100	900	1.39	1.33	1.03	.82
60 Amp								
844-60CPT045	63CPT045	TO-247AC	45	2500	2.60	2.34	1.95	1.69
844-63CPT100	63CPT100	TO-247AC	100	2200	3.07	2.20	1.87	1.81

VISHAY STANDARD RECOVERY DIODES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V _{RRM} (V)	I _{FSM} (A)	Price Each			
					1	10	100	500
12 Amp								
† 844-1N1199A	1N1199A	(DO-4)	50	230	4.78	4.26	3.48	2.70
† 844-1N1206RA	1N1206RA	(DO-4)	600	230	5.28	4.69	3.82	3.09
† 844-1N1206A	1N1206A	(DO-4)	600	800	5.87	5.28	4.29	3.49
15 Amp								
† 844-1N3210	1N3210	(DO-5)	200	239	5.17	4.92	4.31	3.83
16 Amp								
† 844-16F60	16F60	(DO-4)	600	25	5.55	5.21	4.49	3.59
† 844-16F120	16F120	(DO-4)	1200	25	9.22	8.29	6.79	5.69
35 Amp								
† 844-1N1183	1N1183	(DO-5)	50	500	5.87	5.23	4.27	3.45
† 844-1N1184	1N1184	(DO-5)	100	500	5.79	5.52	4.82	3.91
† 844-1N1184A	1N1184A	(DO-5)	100	500	6.46	5.80	4.75	3.96
† 844-1N1187	1N1187	(DO-5)	300	500	6.34	6.13	5.21	4.63
† 844-1N1188A	1N1188A	(DO-5)	400	500	7.59	6.84	5.61	4.69
† 844-1N1190	1N1190	(DO-5)	600	500	8.59	7.72	6.33	5.31
† 844-1N3768	1N3768	(DO-5)	1000	380	10.39	9.48	8.11	7.22
40 Amp								
† 844-40HF60	40HF60	(DO-5)	600	62	8.01	7.19	5.93	4.94
* 844-40HFR60	40HFR60	(DO-5)	600	62	8.01	7.19	5.93	4.94
* 844-40HFR100	40HFR100	(DO-5)	1000	62	9.83	9.01	7.39	6.19
* 844-40HFR120	40HFR120	(DO-5)	1200	62	9.21	8.36	6.88	6.12
† 844-40HF120	40HF120	(DO-5)	1200	62	5.73	5.60	5.34	4.71
† 844-40HF160	40HF160	(DO-5)	1600	62	10.45	9.40	7.58	6.47
60 Amp								
† 844-1N2131RA	1N2131RA	(DO-5)	200	860	9.58	8.61	7.06	5.90
70 Amp								
† 844-70HF40	70HF40	(DO-5)	400	1200	7.81	6.85	5.73	4.76
† 844-71HF40	71HF40	(DO-5)	400	1200	11.28	10.03	8.33	7.41
† 844-70HF60	70HF60	(DO-5)	600	1200	7.39	6.85	5.91	4.55
* 844-70HFR60	70HFR60	(DO-5)	600	1200	7.88	7.32	6.28	5.56
* 844-70HFR100	70HFR100	(DO-5)	1000	110	13.19	11.98	10.18	8.68
† 844-70HF120	70HF120	(DO-5)	1200	1200	8.26	7.68	5.73	4.76
* 844-70HFR120	70HFR120	(DO-5)	1200	1200	8.26	7.56	5.73	4.76
† 844-70HF160	70HF160	(DO-5)	1600	110	16.07	14.60	12.40	10.57
* 844-70HFR160	70HFR160	(DO-5)	1600	110	15.40	13.87	10.78	9.95
85 Amp								
† 844-85HF20	85HF20	(DO-5)	200	1700	11.95	10.74	8.82	7.38
† 844-85HF40	85HF40	(DO-5)	400	133	11.56	10.32	8.59	7.19
† 844-85HF60	85HF60	(DO-5)	600	133	13.26	12.04	10.23	8.72
* 844-85HFR60	85HFR60	(DO-5)	600	133	11.59	10.53	8.93	7.61
† 844-85HFL100S05	85HFL100S05	(DO-5)	1000	1100	20.00	18.87	14.67	13.59
† 844-85HF100	85HF100	(DO-5)	1000	1700	14.62	13.28	10.88	9.68

VISHAY STANDARD RECOVERY DIODES (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V _{RRM} (V)	I _{FSM} (A)	Price Each			
					1	10	100	500
85 Amp (Cont.)								
† 844-85HF120	85HF120	(DO-5)	1200	133	16.35	14.85	12.62	10.75
* 844-85HFR120	85HFR120	(DO-5)	1200	133	16.35	14.85	12.62	10.75
† 844-85HF160	85HF160	(DO-5)	1600	1700	17.71	15.94	12.40	11.45
150 Amp								
† 844-150K40A	150K40A	(DO-8)	400	235	35.40	32.75	27.90	24.35
* 844-150KR40A	150KR40A	(DO-8)	400	235	35.45	32.72	26.32	24.19
† 844-150K60A	150K60A	(DO-8)	600	235	36.50	33.75	28.70	25.05
* 844-150KR60A	150KR60A	(DO-8)	600	235	36.50	33.75	28.70	25.05
† 844-150U100D	150U100D	(DO-8)	1000	235	44.77	39.00	30.80	26.89
* 844-150UR100D	150UR100D	(DO-8)	1000	235	44.29	42.50	34.60	30.22
200 Amp								
* 844-8EWS08STRLPBF	8EWS08STRLPBF	TO-252AA	800	200	.99	.88	.79	.71
300 Amp								
† 844-300U40A	300U40A	(DO-9)	400	500	34.85	32.25	27.45	23.95
† 844-300U60A	300U60A	(DO-9)	600	700	34.85	32.25	27.45	23.95
* 844-300UR40A	300UR40A	(DO-9)	400	500	34.85	32.25	27.45	23.95
* 844-300UR60A	300UR60A	(DO-9)	600	700	37.75	34.90	29.73	25.93
475 Amp								
† 844-40EPS08PBF	40EPS08PBF	TO-247AC	800	900	2.32	2.15	1.66	1.56
† 844-40EPS12PBF	40EPS12PBF	TO-247AC	1200	475	2.99	2.69	2.24	1.94

VISHAY HYPERFAST RECOVERY DIODES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V _{RRM} (V)	I _{FSM} (A)	t _{rr} (ns)	Price Each			
						1	10	100	500
8.0 Amp									
844-8ETH06PBF	8ETH06PBF	TO-220AC	600	90	22	1.63	1.42	1.14	.865
844-8ETH06PPPBF	8ETH06PPPBF	TO-220F/Pak (2L)	600	100	22	1.74	1.56	1.25	.96
844-8EWF12SPBF	8EWF12SPBF	D2PAK	1200	170	80	1.89	1.73	1.25	1.02
15 Amp									
◆ 844-15ETH06SPBF	15ETH06SPBF	D2PAK	600	120	35	1.46	1.33	1.08	1.03
844-15ETH06PBF	15ETH06PBF	TO-220AC	600	120	35	1.55	1.41	1.15	.89
844-15ETX06PBF	15ETX06PBF	TO-220AC	600	170	18	1.90	1.75	1.40	1.10
844-15ETH06PPPBF	15ETH06PPPBF	TO-220F/Pak (2L)	600	180	35	2.02	1.82	1.44	1.11
30 Amp									
844-30ETH06PBF	30ETH06PBF	TO-220AC	600	200	35	2.92	2.62	2.12	1.70

VISHAY ULTRA FAST RECOVERY DIODES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V _{RRM} (V)	I _{FSM} (A)	t _{rr} (ns)	Price Each			
						1	10	100	500
8.0 Amp									
844-MUR820PBF	MUR820PBF	TO-220AC	200	8	35	1.27	1.10	.86	.67
844-MURB820PBF	MURB820PBF	D2PAK	200	100	25	1.38	1.22	.94	.73
12 Amp									
844-1N3893	1N3893	(DO-4)	400	19	150	6.58	5.97	4.81	4.27
15 Amp									
844-MUR1520PBF	MUR1520PBF	TO-220AC	200	200	35	1.58	1.40	1.13	.86
844-15ETX06PPPBF	15ETX06PPPBF	TO-220F/Pak (2L)	600	170	18	2.10	1.90	1.50	1.20
16 Amp									
844-16FL100S05	16FL100S05	(DO-4)	1000	25	500	10.07	9.51	8.23	6.87
20 Amp									
844-MUR2020CTPBF	MUR2020CTPBF	TO-220AB	200	100	35	1.55	1.40	1.17	.91
844-MURB2020CTPBF	MURB2020CTPBF	D2PAK	200	100	25	1.69	1.53	1.22	.94
30 Amp									
844-30CPU04PBF	30CPU04PBF	TO-247AC	400	200	60	2.84	2.57	2.07	1.60
844-30CPH03PBF	30CPH03PBF	TO-247AC	300	140	4				