

VISHAY Rectifiers

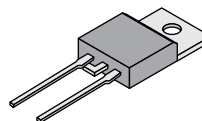
Products may be RoHS compliant.
Check mouser.com for RoHS status.

VISHAY SCHOTTKY RECTIFIERS (CONT.)

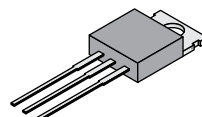
◆ Surface Mount Device

For quantities of 1000 and up, call for quote.

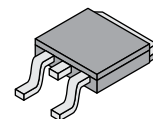
MOUSER STOCK NO.	Vishay Part No.	Package	I _{F(AV)} (A)	V _{RRM} (V)	I _{FSM} (A)	Price Each			
						1	10	100	500
15.0 Amp									
844-15TQ060PBF	15TQ060PBF	TO-220AC	15	60	1000				
◆ 844-15TQ060STRLPBF	15TQ060STRLPBF	TO-252AA	15	60	1000				
16.0 Amp									
844-16CTQ100PBF	16CTQ100PBF	TO-220AB	16	100	850				
◆ 844-16CTQ100SPBF	16CTQ100SPBF	TO-252AA	16	100	850				
18.0 Amp									
844-18TQ045PBF	18TQ045PBF	TO-220AC	18	45	1800				
19.0 Amp									
844-19TQ015PBF	19TQ015PBF	TO-220AC	19	15	700				
20.0 Amp									
844-20L15TPBF	20L15TPBF	TO-220AC	20	15	700				
844-STPS20L15DPBF	STPS20L15DPBF	TO-220AC	20	15	700				
◆ 844-STPS20L15GPBF	STPS20L15GPBF	TO-252AA	20	15	700				
844-20TQ045PBF	20TQ045PBF	TO-220AC	20	45	1800				
844-MBR20100CTKPB	MBR20100CTKPB	TO-220AB	20	100	850				
844-20CTQ150PBF	20CTQ150PBF	TO-220AB	20	150	1030				
30.0 Amp									
844-32CTQ030PBF	32CTQ030PBF	TO-220AB	2x15	30	900				
◆ 844-32CTQ030STRLPBF	32CTQ030STRLPBF	TO-263	2x15	30	900				
844-STPS30L30CGPBF	STPS30L30CGPBF	TO-252AA	2x15	30	1450				
844-STPS30L30CTPBF	STPS30L30CTPBF	TO-220AB	2x15	30	1450				
844-30CTQ045PBF	30CTQ045PBF	TO-220AB	2x15	45	1060				
◆ 844-30CTQ060SPBF	30CTQ060SPBF	TO-263	2x15	60	850				
844-30CTQ060PBF	30CTQ060PBF	TO-220AB	2x15	60	1000				
844-STPS30L60CWPBF	STPS30L60CWPBF	TO-247AC	2x15	60	1020				
844-30CPQ100PBF	30CPQ100PBF	TO-247AC	2x15	100	920				
844-30CPQ150PBF	30CPQ150PBF	TO-247AC	2x15	150	920				
40.0 Amp									
844-STPS40L15CTPBF	STPS40L15CTPBF	TO-220AB	2x20	15	700				
844-STPS40L15CWPBF	STPS40L15CWPBF	TO-247AC	2x20	15	700				
844-40L15CTPBF	40L15CTPBF	TO-220AB	2x20	15	700				
844-47CTQ020PBF	47CTQ020PBF	TO-220AB	2x20	20	1000				
844-42CTQ030PBF	42CTQ030PBF	TO-220AB	2x20	30	1100				
844-STPS40L40CWPBF	STPS40L40CWPBF	TO-247AC	2x20	40	3500				
844-STPS40L45CWPBF	STPS40L45CWPBF	TO-247AC	2x20	45	1240				
844-40CPQ045PBF	40CPQ045PBF	TO-247AC	2x20	45	3500				
844-48CTQ060PBF	48CTQ060PBF	TO-220AB	2x20	60	1000				
844-40CPQ060PBF	40CPQ060PBF	TO-247AC	2x20	60	3200				
844-43CTQ100PBF	43CTQ100PBF	TO-220AB	2x20	100	850				
◆ 844-43CTQ100SPBF	43CTQ100SPBF	TO-263	2x20	100	850				
844-40CPQ100PBF	40CPQ100PBF	TO-247AC	2x20	100	2950				
60.0 Amp									
844-63CTQ100PBF	63CTQ100PBF	TO-220AB	2x30	100	1500				
844-63CPQ100PBF	63CPQ100PBF	TO-247AC	2x30	100	2200				
844-60CPQ150PBF	60CPQ150PBF	TO-247AC	2x30	150	2300				
70.0 Amp									
844-72CPQ030PBF	72CPQ030PBF	TO-247AC	2x35	30	2180				
80.0 Amp - Thru Hole									
844-80CPQ020PBF	80CPQ020PBF	TO-247AC	2x40	20	2200				
844-82CNQ030APBF	82CNQ030APBF	D61-8	2x40	30	5100				
844-80CPQ150PBF	80CPQ150PBF	TO-247AC	2x40	150	1930				



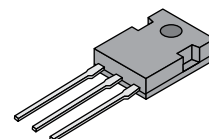
TO-220AC



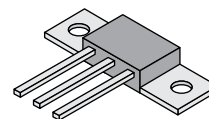
TO-220AB



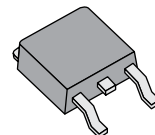
TO-263 (D-PAK)



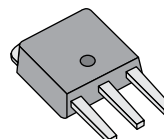
TO-247AC



D61-8



TO-252AA (DPAK)



TO-251AA

VISHAY HIGH PERFORMANCE SCHOTTKY RECTIFIERS

Features:

- 175 °C high performance Schottky diode
- Very low forward voltage drop
- Extremely low reverse leakage
- Optimized VF vs. IR trade off for high efficiency
- Increased ruggedness for reverse avalanche capability

Applications:

- RBSOA available
- Negligible switching losses
- Submicron trench technology
- Designed and qualified for industrial level
- High efficiency SMPS
- Automotive
- High frequency switching
- Output rectification
- Reverse battery protection
- Freewheeling
- Dc-to-dc systems
- Increased power density systems

◆ Surface Mount Device

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	I _{F(AV)} (A)	V _{RRM} (V)	I _{FSM} (A)	Price Each			
						1	10	100	500
6.0 Amp									
◆ 844-6CWT04FN	6CWT04FN	TO-252AA	2x3.0	45	440				
844-6CUT04	4CUT04	TO-251AA	2x3.0	45	440				
8.0 Amp									
844-8TT100	8TT100	TO-220AC	8.0	100	850				
10.0 Amp									
◆ 844-10WT10FN	10WT10FN	TO-252AA	10	100	610				
844-10UT10	10UT10	TO-251AA	10	100	610				
844-MBR10T100	MBR10T100	TO-220AC	10	100	850				
15.0 Amp									
844-15TT100	15TT100	TO-220AC	15	100	920				
16.0 Amp									
844-16CTT100	16CTT100	TO-220AB	16	100	850				
20.0 Amp									
◆ 844-20WT04FN	20WT04FN	TO-252AA	20	45	900				
844-20UT04	20UT04	TO-251AA	20	45	900				
◆ 844-20CWT10FN	20CWT10FN	TO-252AA	2x10	100	610				
844-20CUT10	20CUT10	TO-251AA	2x10	100	610				
844-21TT100	21TT100	TO-220AB	20	100	660				
844-MBR20T100CT	MBR20T100CT	TO-220AB	2x10	100	850				
844-20TT100	20TT100	TO-220AC	20	100	900				
30.0 Amp									
844-30CTT045	30CTT045	TO-220AB	2x15	45	880				
844-30CPT100	30CPT100	TO-247AC	2x15	100	920				
844-30CTT100	30CTT100	TO-220AB	2x15	100	920				
844-30PT100	30PT100	TO-247AC	30	100	2200				
40.0 Amp									
844-43CTT100	43CTT100	TO-220AB	40	100	900				
60.0 Amp									
844-60CPT045	63CPT045	TO-247AC	2x30	45	2500				
844-63CPT100	63CPT100	TO-247AC	60	100	2200				