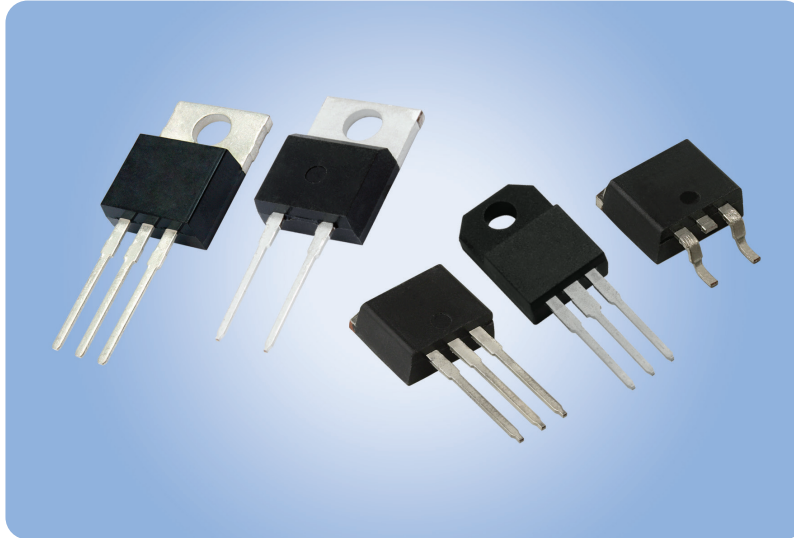


200 V TMBS[®] Rectifiers in Power Packages for Telecom Power Supplies and LED Lighting Applications



KEY BENEFITS

- Gen 2 TMBS[®] rectifiers
- Current ratings from 5 A to 30 A
- Low forward voltage drops down to 0.65 V typical at 15 A
- High efficiency operation
- Offered in power packages: TO-220AB, TO-220AC, TO-262AA, TO-263AB, ITO-220AB, and ITO-220AC
- Maximum operation junction temperature of +175 °C

APPLICATIONS

- Telecom power supplies and LED lighting applications

RESOURCES

- Datasheets: see next page for products
- For technical questions contact:
DiodesAmerica@vishay.com, DiodesAsia@vishay.com, DiodesEurope@vishay.com
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912



DIODES

200 V TMBS[®] Rectifiers

The 200 V TMBS[®] trench MOS barrier Schottky rectifiers feature a wide range of current ratings from 5 A to 30 A in the power TO-220AB, TO-220AC, TO-262AA, TO-263AB, ITO-220AB, and ITO-220AC packages. With low forward voltage drops down to 0.65 V typical at 15 A, the rectifiers are designed for telecom power supplies and LED lighting applications.

I _{FAV} (A)	PART NUMBER	PACKAGE	V _{RRM} (V)	V _F at I _F (T _A = 125 °C)		I _{FSM} (A)	T _J MAX. (A)
				V _F (V)	I _F (A)		
5	VBT5202-M3	TO-263AB	200	0.65	5	100	175
	VFT5202-M3	ITO-220AC					
	VIT5202-M3	TO-262AA					
	VT5202-M3	TO-220AC					
10	VBT10202C	TO-263AB					
	VFT10202C	ITO-220AB					
	VIT10202C	TO-262AA					
	VT10202C	TO-220AB					
20	V20202C	TO-220AB		0.68	10	150	
	VB20202C	TO-263AB					
	VF20202C	ITO-220AB					
	VI20202C	TO-262AA					
	V20202G	TO-220AB		0.71		130	
	VB20202G	TO-263AB					
	VF20202G	ITO-220AB					
	VI20202G	TO-262AA					
30	V30202C	TO-220AB	0.65	15	260		
	VB30202C	TO-263AB					
	VF30202C	ITO-220AB					
	VI30202C	TO-262AA					