

150V & 200V Trench Schottky Rectifier in TO-277A (SMPC4.6U)

Taiwan Semiconductor's 150V & 200V Trench Schottky Rectifiers in TO-277A (SMPC4.6U) are ideal for high-efficiency applications like SMPS output rectification, boost PFC circuits, freewheeling diodes in automotive and telecom systems, and polarity protection. These rectifiers ensure superior performance with low forward voltage and high current capabilities, enabling compact, reliable, and energy-efficient designs for demanding customer applications.



Official Website



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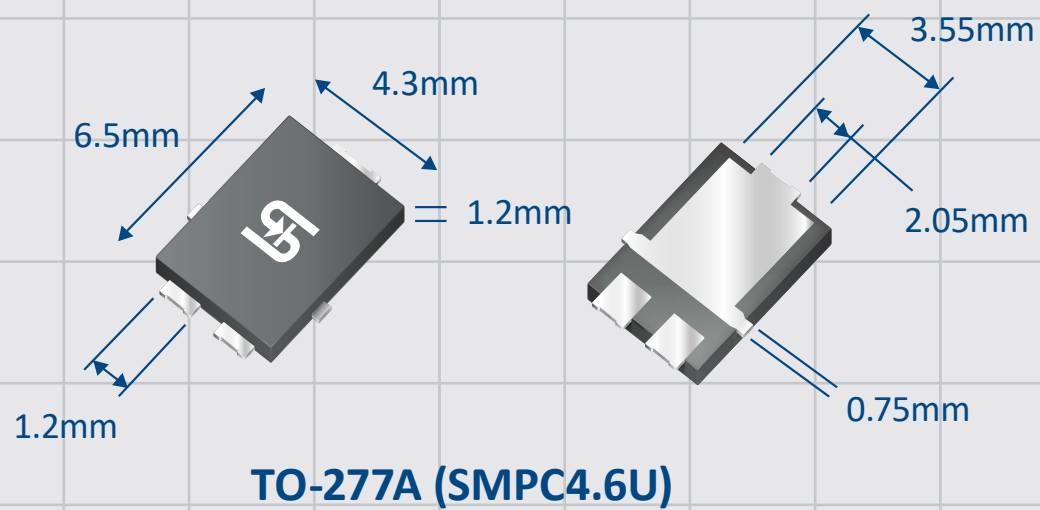


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PACKAGE



APPLICATIONS



SPECIFICATION

Part number	V _{RRM} (V)	I _F (A)	V _F		I _R @T _A =25°C max.(μA)	I _R @T _A =125°C max.(mA)	I _{FSM} @8.3ms (A)	C _J (pF)
			Typ. (V)	Max. (V)				
TSUP3150H	150	3	0.78	0.85	10	5	80	140
TSUP5150H		5	0.78	0.85	10	5	125	248
TSUP8150H		8	0.78	0.85	10	5	200	395
TSUP10150H		10	0.8	0.86	10	5	200	395
TSUP12150H		12	0.78	0.85	20	5	285	520
TSUP15150H		15	0.76	0.82	30	6	400	840
TSUP8200H	200	8	0.82	0.88	10	5	200	332
TSUP10200H		10	0.85	0.9	10	5	200	332
TSUP12200H		12	0.83	0.89	20	5	285	446
TSUP15200H		15	0.80	0.86	30	6	400	782

FEATURES



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