

TJ 175

Automotive-Grade Trench Schottky

Introducing our new automotive-grade Trench Schottky product portfolio, available in SOD-123W, SOD-128, Thin SMA, and Micro SMA packages. Designed to meet the rigorous quality/reliability demands of automotive applications, this product family supports junction temperatures up to 175°C and delivers extremely low leakage performance. The portfolio covers breakdown voltages from 45 V to 120 V and forward current ratings from 1 A to 5 A across various package options, all fully AEC-Q101 qualified.



Official Website X LinkedIn

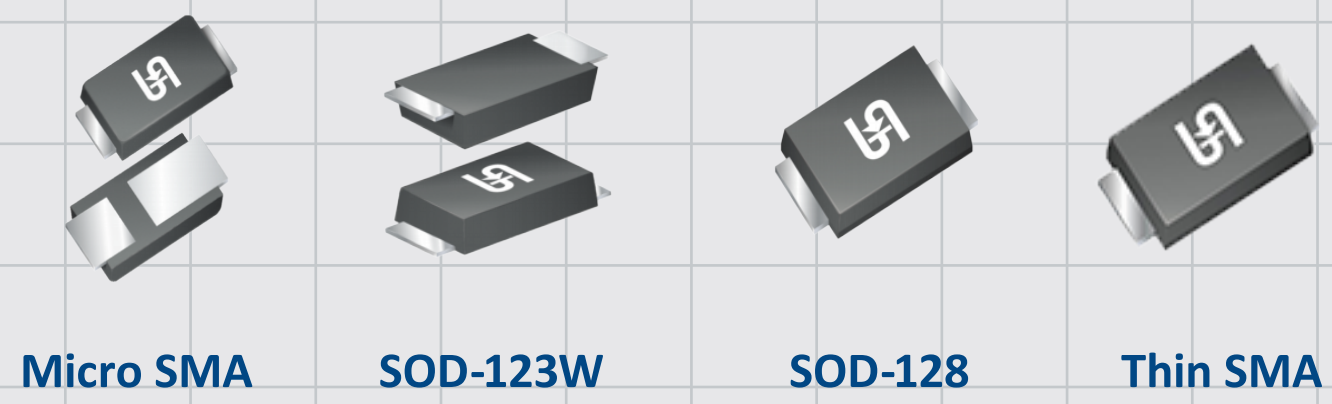
For more information: marketing@ts.com.tw

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SPECIFICATION

Part number	Package	I _F (A)	VR min (V)	V _F		I _R @T _A =25°C max.(μA)	I _R @T _A =125°C max.(mA)	I _{FSM} @8.3ms (A)
				Typ. (V)	Max. (V)			
TSSW1M45H	SOD-123W	1	45	0.50	0.55	10	2	50
TSSW2M45H	SOD-123W	2		0.56	0.61	10	2	50
TSSW3M45H	SOD-123W	3		0.51	0.58	100	15	70
TSAL3M45H	Thin SMA	3		0.50	0.58	100	15	120
TSAL5M45H	Thin SMA	5		0.53	0.61	30	10	150
TSFS3M45H	SOD-128	3		0.50	0.58	100	15	120
TSFS5M45H	SOD-128	5		0.53	0.88	30	10	150
TSSW1M60H	SOD-123W	1	60	0.54	0.61	10	2	50
TSSW2M60H	SOD-123W	2		0.63	0.70	10	2	50
TSSW3M60H	SOD-123W	3		0.58	0.64	30	15	70
TSAL3M60H	Thin SMA	3		0.56	0.62	30	15	150
TSAL5M60H	Thin SMA	5		0.58	0.66	30	10	120
TSFS3M60H	SOD-128	3		0.56	0.62	30	15	150
TSFS5M60H	SOD-128	5		0.58	0.66	30	10	200
TSSW1H100H	SOD-123W	1	100	0.67	0.73	1	0.5	35
TSSW2H100H	SOD-123W	2		0.76	0.83	1	0.5	35
TSSW3H100H	SOD-123W	3		0.7	0.77	5	2	60
TSAL3H100H	Thin SMA	3		0.68	0.75	5	2	95
TSAL5H100H	Thin SMA	5		0.69	0.76	10	2	125
TSFS3H100H	SOD-128	3		0.68	0.75	5	2	95
TSFS5H100H	SOD-128	5		0.69	0.76	10	2	125
TSU1H100H	Micro SMA	1	120	0.67	0.74	2	1	40
TSU2H100H	Micro SMA	2		0.76	0.83	2	1	40
TSSW1H120H	SOD-123W	1		0.73	0.79	1	0.5	35
TSSW2H120H	SOD-123W	2		0.8	0.86	1	0.5	35
TSSW3H120H	SOD-123W	3		0.75	0.82	5	2	60
TSAL3H120H	Thin SMA	3		0.73	0.82	5	2	95
TSAL5H120H	Thin SMA	5		0.73	0.81	10	2	125
TSFS3H120H	SOD-128	3		0.73	0.82	5	2	95
TSFS5H120H	SOD-128	5		0.73	0.81	10	2	125
TSU1H120H	Micro SMA	1		0.72	0.79	2	1	40
TSU2H120H	Micro SMA	2		0.79	0.87	2	1	40

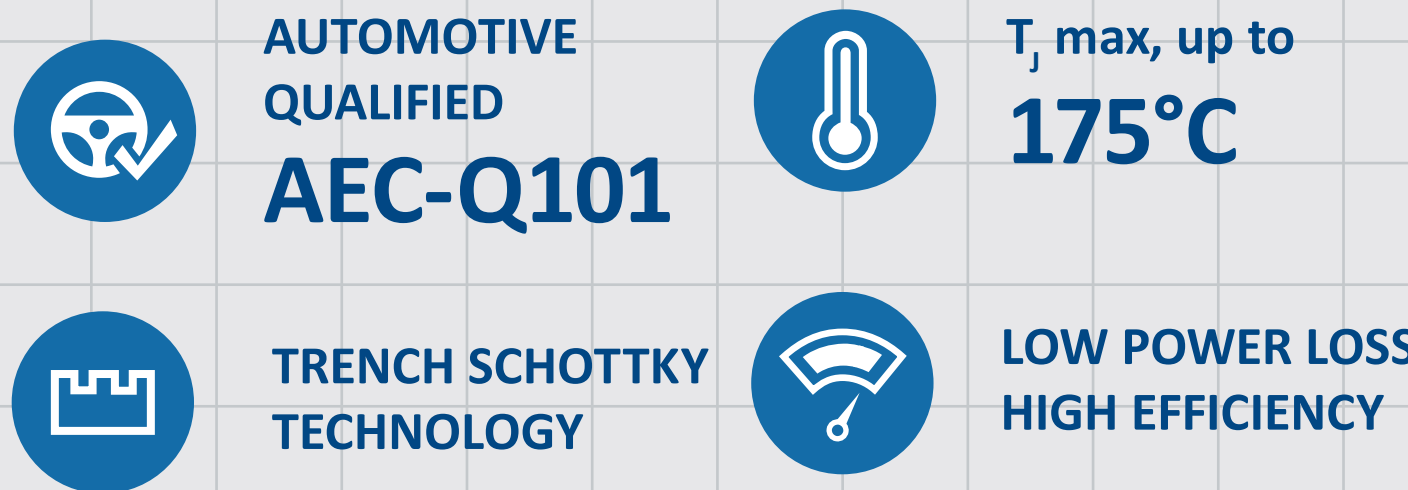
PACKAGE



APPLICATIONS



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