

## Trench Schottky

Part Number	Chip Size (mil)	V <sub>RWM</sub> (V)	I <sub>F</sub> (A)	I <sub>FSM</sub> Max. (A)	V <sub>F</sub> Max. @I <sub>F</sub> (V)	V <sub>F</sub> Max. @I <sub>F</sub> , 125°C (V)	I <sub>R</sub> Max. @V <sub>RWM</sub> (mA)	I <sub>R</sub> Max. @V <sub>RWM</sub> , 125°C (mA)	C <sub>T</sub> Typical (pF)	T <sub>J</sub> Max. (°C)
Unit	mil	V	A	A	V	V	mA	mA	pF	°C
TSD060SA45A/B	60 X 60	45	3	70	0.55	0.45	0.2	15	250	150
TSD071SA45A/B	70 X 70	45	5	120	0.55	0.45	0.3	20	350	150
TSD090SA45A/B	90 X 90	45	7.5	120	0.55	0.45	0.4	30	500	150
TSD100SA45A/B	100 X 100	45	10	150	0.55	0.45	0.55	40	700	150
TSD110SA45A/B	110 X 110	45	12	200	0.55	0.45	0.65	50	800	150
TSD120SA45A/B	120 X 120	45	15	200	0.55	0.45	0.8	60	1000	150
TSD150SA45A/B	150 X 150	45	20	300	0.55	0.45	1	100	1500	150
TSD060SA100A/B	60 X 60	100	3	70	0.7	0.65	0.06	10	240	150
TSD071SA100A/B	70 X 70	100	5	120	0.7	0.65	0.1	15	300	150
TSD070SA100A/B	70 X 90	100	6	120	0.7	0.65	0.12	20	400	150
TSD090SA100A/B	90 X 90	100	7.5	120	0.7	0.65	0.15	25	450	150
TSD100SA100A/B	100 X 100	100	10	150	0.7	0.65	0.2	30	550	150
TSD110SA100A/B	110 X 110	100	12	200	0.7	0.65	0.25	40	660	150
TSD120SA100A/B	120 X 120	100	15	200	0.7	0.65	0.3	45	800	150
TSD145SA100A/B	145 X 120	100	20	250	0.7	0.65	0.4	60	1000	150