

TSSE3H45 - TSSE3H60

3A, 45V - 60V Trench Schottky Rectifiers



SOD123HE

Parameter		TSSE3H45	TSSE3H60	Unit
VRRM		45	60	V
IF(AV)		3		A
IFSM		60		A
VF	@3A (Typ.)	0.47	0.5	V
IR	TJ=25 °C (Typ.)	100		μA
	TJ=125 °C (Typ.)	25		mA

Features:

- Patented Trench Schottky technology
- Excellent high temperature stability ($T_{JMax} = 150^{\circ}C$)
- Low forward voltage
- Lower power loss/ high efficiency
- High forward surge capability
- AEC-Q101 qualified

Application:

- DC/DC converters
- Polarity protection applications



Cross Reference:

TSC	Vishay
TSSE3H60	V3P6

Package Information:

Outline (Package)	Reel	Reel Size	Inner Box	Carton	Carton Size	Gross Weight	AEC-Q101 Qualified	Green Compound Code
	(pcs)	(inch)	(pcs)	(pcs)	(mm)	(kg/carton)		
SOD123HE	3,000	7	12,000	60,000	385x204x185	2.1	Prefix "H"	RVG
SOD123HE	10,000	13	20,000	100,000	360x360x190	3.5	Prefix "H"	RQG

Example Part #s:

TSSE3H45HRVG

TSSE3H60 RQG

Samples of TSSE3H45 Series can be ordered on Product Detail page:

www.taiwansemi.com/en/products/details/TSSE3H45

www.taiwansemi.com/en/products/details/TSSE3H60

For pricing and more information, please contact TSC sales or authorized distributors worldwide:

www.taiwansemi.com/en/contact