

V_{DSS}	30V
$R_{DS(on)(Max.)}$	48mΩ
I_D	±4.0A
P_D	1.0W

●Features

- 1) Low on - resistance.
- 2) Built-in G-S Protection Diode.
- 3) Small Surface Mount Package (TSMT3).

●Application

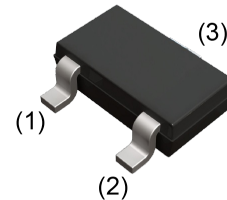
Switching

●Outline

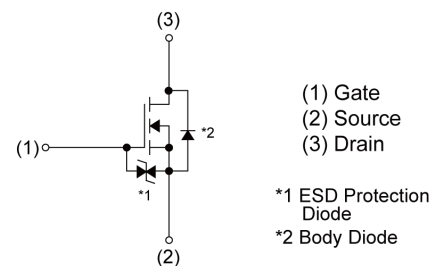
SOT-346T

SC-96

TSMT3



●Inner circuit



●Packaging specifications

Type	Packing	Embossed Tape
	Reel size (mm)	180
Tape width (mm)	8	
Basic ordering unit (pcs)	3000	
Taping code	TL	
Marking	QV	

●Absolute maximum ratings ($T_a = 25^\circ\text{C}$, unless otherwise specified)

Parameter	Symbol	Value	Unit
Drain - Source voltage	V_{DSS}	30	V
Continuous drain current	I_D	±4.0	A
Pulsed drain current	I_{DP}^{*1}	±16	A
Gate - Source voltage	V_{GSS}	±12	V
Power dissipation	P_D^{*2}	1.0	W
	P_D^{*3}	0.76	W
Junction temperature	T_j	150	°C
Operating junction and storage temperature range	T_{stg}	-55 to +150	°C