2SK3277

Silicon N-channel power MOSFET

Features

- Avalanche energy capability guaranteed
- High-speed switching
- No secondary breakdown

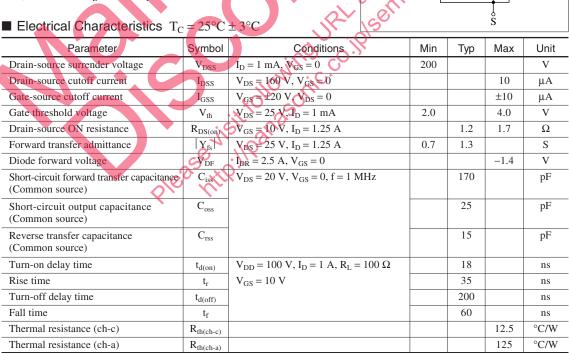
Applications

- Non-contact relay
- Solenoid drive
- Motor drive
- Control equipment
- Switching mode regulator

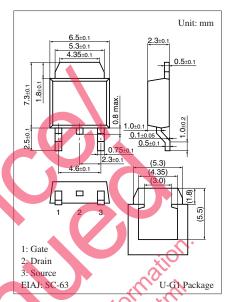
■ Absolute Maximum Ratings $T_C = 25$ °C

Parameter	Symbol	Rating	Unit
Drain-source surrender voltage	V _{DSS}	200	V
Gate-source surrender voltage	V _{GSS}	±20	V
Drain current	I_D	±2.5	A
Peak drain current	I_{DP}	±5	A
Avalanche energy capability *	EAS	15	mJ
Power dissipation	$P_{\rm D}$	10	W
$T_a = 25^{\circ}C$		1	
Channel temperature	T _{ch}	150	°C
Storage temperature	T_{stg}	-55 to +150	°C

Note) *: L = 5 mH, $I_L = 2.5 \text{ A}$, 1 pulse

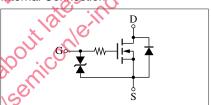


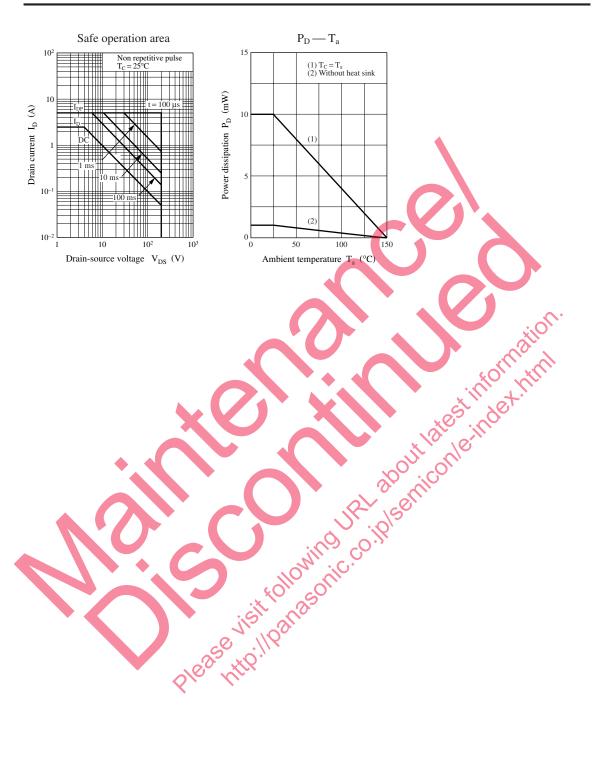
Note) Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7030 measuring methods for transistors.



Marking Symbol: K32

Internal Connection





2 SJG00028AED

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