FMB30P30

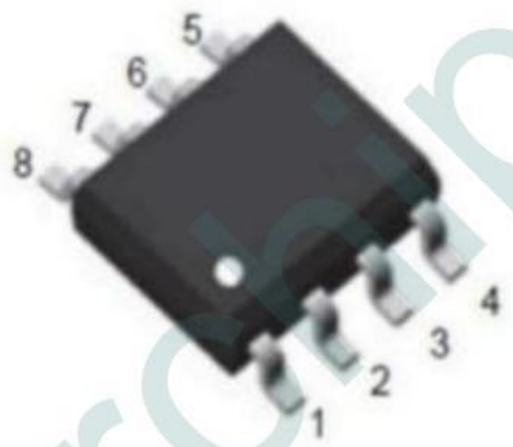
P-Channel Trench Power MOSFET

- -30V,-30A
- $R_{DS(ON)}$=9.9mΩ (Typ.) @ V_{GS} =10V
- $R_{DS(ON)}$=16.2mΩ (Typ.) @ V_{GS} =4.5V

Application

- LCD TV
- Notebook
- Elevator
- Inductive heating
- Power tools

Package



SOP-8

Absolute Maximum Ratings (T_C=25℃ unless otherwise specified)

Symbol	Parameter		Value	Units
V_{DSS}	Drain-Source Voltage		-30	V
V_{GSS}	Gate-Source Voltage		±20	V
I_D	Continuous Drain Current	T_C = 25℃	-30	A
		T_C = 100℃	-23	A
I_{DM}	Pulsed Drain Current note1		-109	A
P_D	Power Dissipation	T_C = 25℃	18	W
$R_{\theta JC}$	Thermal Resistance, Junction to Case		6.8	℃/W
T_J, T_{STG}	Operating and Storage Temperature Range		-55 to +150	℃

www.superchip.cn