FMC01H160G

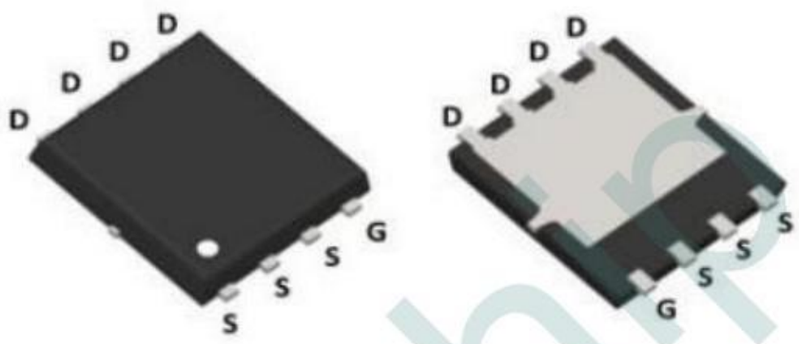
N-Channel Trench Power MOSFET

- **100V,160A**
- **$R_{DS(ON)}$=4.7mΩ (Typ.) @ V_{GS} =10V**

Application

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

Package



PDFN-8（5*6）

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

Symbol	Parameter		Value	Units
V_{DSS}	Drain-Source Voltage		100	V
V_{GSS}	Gate-Source Voltage		±20	V
I_D	Continuous Drain Current	T_C = 25℃	160	A
		T_C = 100℃	53	A
I_{DM}	Pulsed Drain Current note1		250	A
E_{AS}	Single Pulsed Avalanche Energynote2		900	mJ
P_D	Power Dissipation	T_C = 25℃	47	W
$R_{\theta JC}$	Thermal Resistance, Junction to Case		2.6	℃/W
T_J, T_{STG}	Operating and Storage Temperature Range		-55 to +175	℃

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