FM4060Q

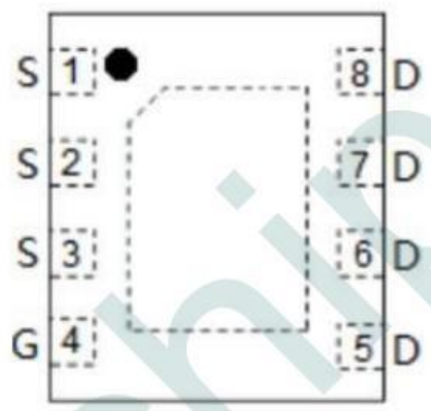
N-Channel Trench Power MOSFET

- 40V,60A
- $R_{DS(ON)}$=5.6mΩ (Typ.) @ V_{GS} =10V
- $R_{DS(ON)}$=6.9mΩ (Typ.) @ V_{GS} =4.5V

Application

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

Package



PDFN3*3

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

Symbol	Parameter		Value	Units
V_{DSS}	Drain-Source Voltage		40	V
V_{GSS}	Gate-Source Voltage		±20	V
I_D	Continuous Drain Current	T_C = 25℃	60	A
		T_C = 100℃	24	A
I_{DM}	Pulsed Drain Current note1		112	A
E_{AS}	Single Pulsed Avalanche Energy note2		182	mJ
P_D	Power Dissipation	T_C = 25℃	13	W
$R_{\theta JC}$	Thermal Resistance, Junction to Case		9.7	℃/W
T_J, T_{STG}	Operating and Storage Temperature Range		-55 to +150	℃

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