FMC01H160LL

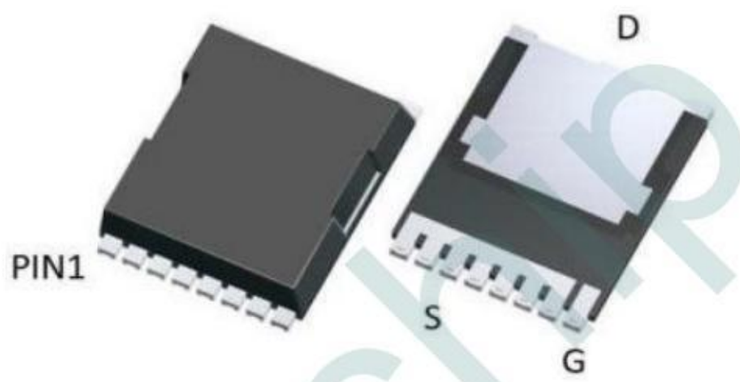
N-Channel Trench Power MOSFET

- 100V,160A
- $R_{DS(ON)}$=3.6mΩ (Typ.) @ V_{GS} =10V

Application

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

Package



TOLL8 top view

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℃	114	A
I_{DM}	Pulsed Drain Current note1		485	A
E_{AS}	Single Pulsed Avalanche Energynote2		870	mJ
P_D	Power Dissipation	T_C = 25℃	136	W
$R_{\theta JC}$	Thermal Resistance, Junction to Case		1.0	℃/W
T_J, T_{STG}	Operating and Storage Temperature Range		-55 to +175	℃

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