

Main Specifications

(Unless otherwise specified, @T_a=25°C)

Part number			TPH2R408QM	TPN19008QM
Absolute Maximum ratings	Drain-source voltage V _{DSS} (V)		80	80
	Drain current (DC) I _D (A)	@T _c =25°C	120	34
	Channel temperature T _{ch} (°C)		175	175
Electrical characteristics	Drain-source On-resistance R _{DS(ON)} max (mΩ)	@V _{GS} =10V	2.43	19
		@V _{GS} =6V	3.5	28
	Total gate charge (gate-source plus gate-drain) Q _g typ. (nC)		87	16
	Gate switch charge Q _{sw} typ. (nC)		28	5.5
	Output charge Q _{oss} typ. (nC)		90	16.5
	Input capacitance C _{iss} typ. (pF)		5870	1020
Packages	Name		SOP Advance	TSON Advance
	Size typ. (mm)		5.0×6.0	3.3×3.3
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