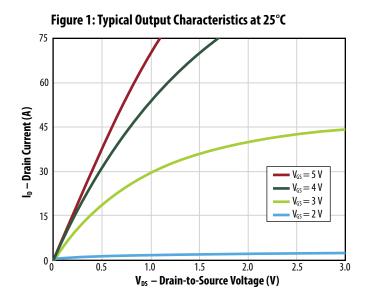
Dynamic Characteristics ($T_J = 25^{\circ}$ C unless otherwise stated)						
PARAMETER		TEST CONDITIONS	MIN	ТҮР	МАХ	UNIT
C _{ISS}	Input Capacitance	$V_{GS} = 0 V, V_{DS} = 50 V$		360	420	pF
C _{OSS}	Output Capacitance			210	310	
C _{RSS}	Reverse Transfer Capacitance			3.2	4.8	
R _G	Gate Resistance			0.4		Ω
Q_G	Total Gate Charge	$V_{DS} = 50 \text{ V}, \text{ I}_{D} = 11 \text{ A}$		3.4	4.5	nC
Q_{GS}	Gate-to-Source Charge			1.1		
Q_{GD}	Gate-to-Drain Charge			0.55	1	
Q _{G(TH)}	Gate Charge at Threshold			0.7		
Q _{OSS}	Output Charge	$V_{GS} = 0 V, V_{DS} = 50 V$		16	24	
Q _{RR}	Source-Drain Recovery Charge			0		

All measurements were done with substrate connected to source.

Note 2: C_{OSS(ER)} is a fixed capacitance that gives the same stored energy as C_{OSS} while V_{DS} is rising from 0 to 50% BV_{DSS}.

Note 3: C_{OSS(TR)} is a fixed capacitance that gives the same charging time as C_{OSS} while V_{DS} is rising from 0 to 50% BV_{DSS}.



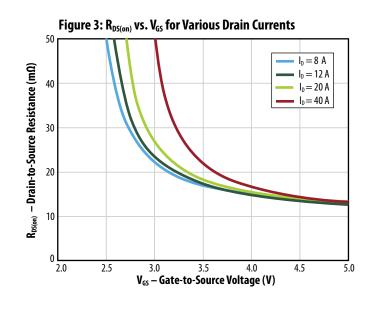
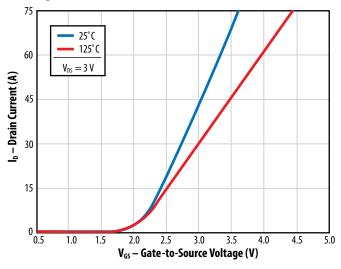
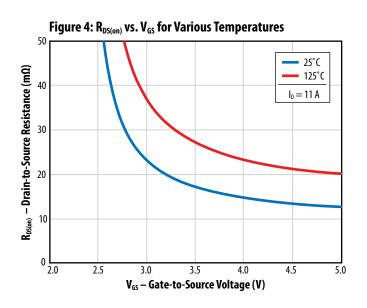
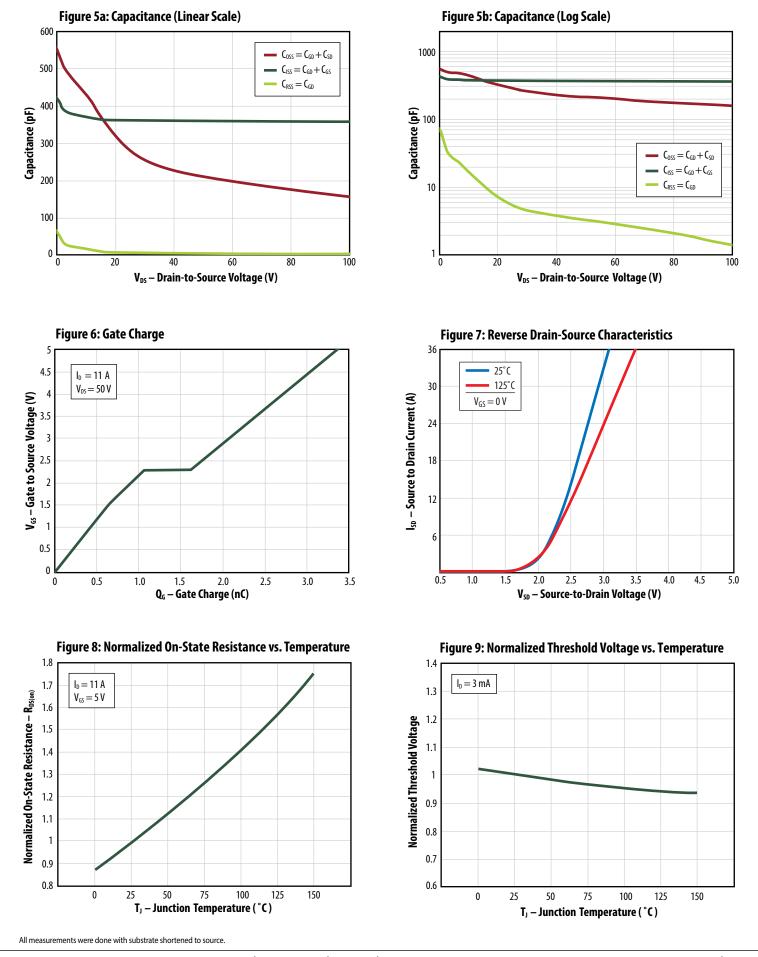


Figure 2: Transfer Characteristics







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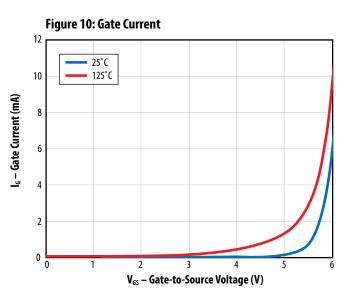
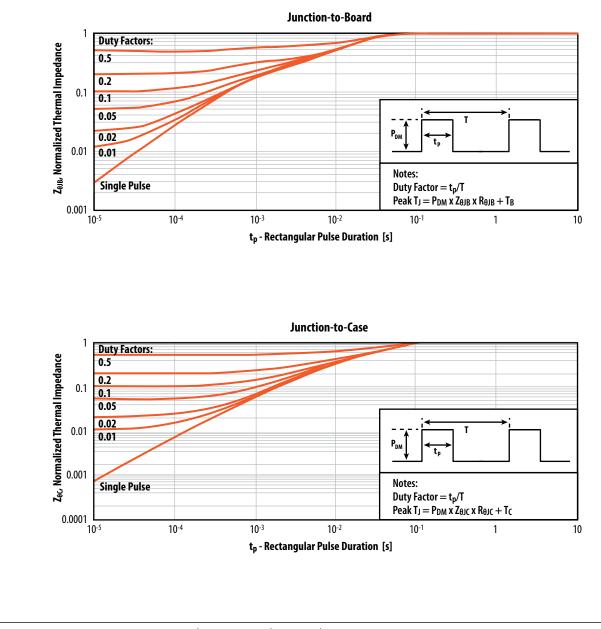
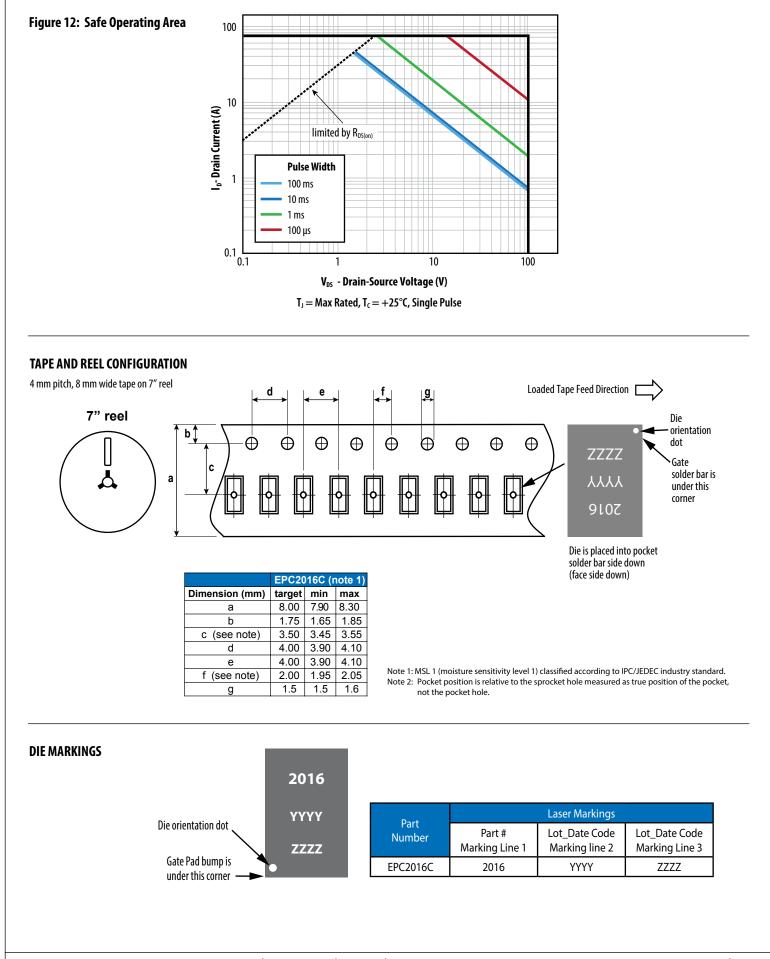


Figure 11: Transient Thermal Response Curves



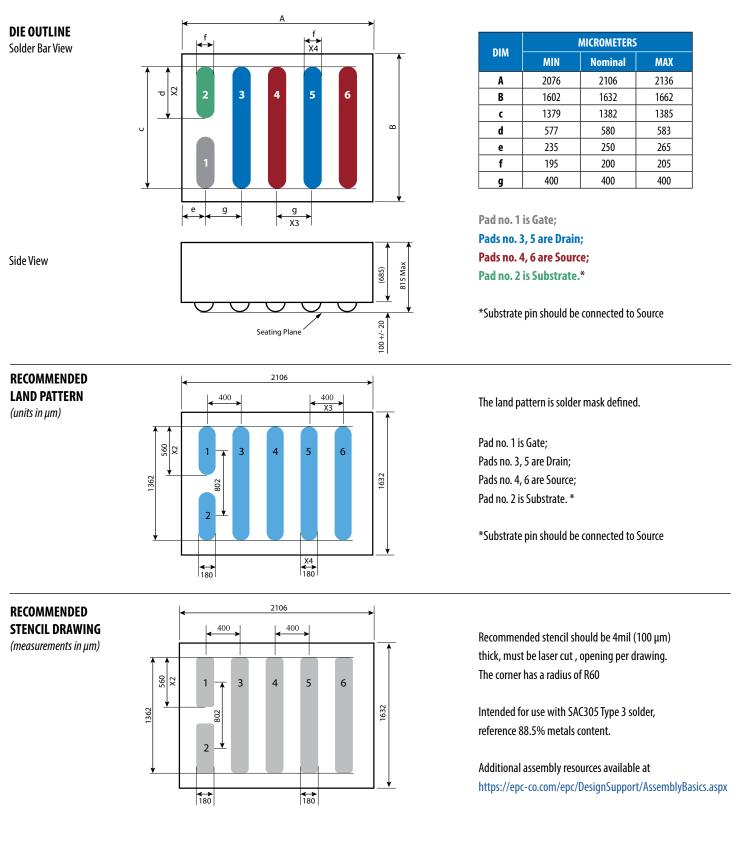
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