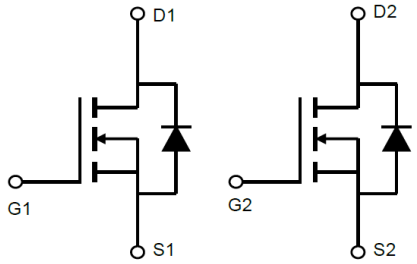
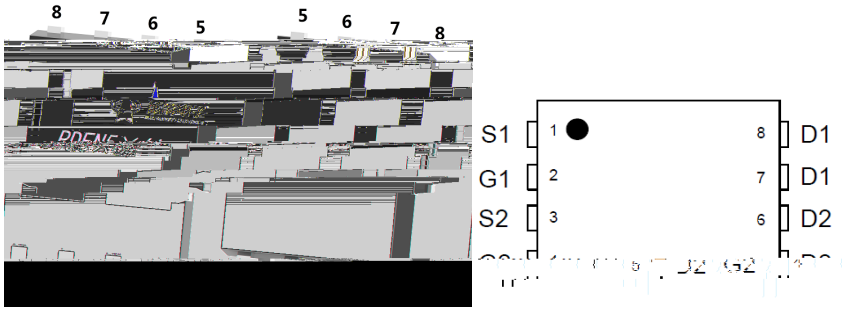
PDFN5×6A Ɛ N ڏ ٦
Dual N-CHANNEL MOSFET in a PDFN5×6A Plastic Package.

Dual N-Ch
VDS(V)=40V
ID=60.2A
RDS(ON)<6.5mΩ(VGS=10V)
RDS(ON)<12.5mΩ(VGS=4.5V)
٤ AEC-Q101 ڡ ، ا ψ
Qualified to AEC-Q101 Standards for High Reliability; HF Product.

PWM ٲ ق ڎ ډ ٦ת LED ذ ' ج ٲ [OBJ] ا
PWM Application, Load Switch, Power Management, Dimming LED, Meet the stringent requirements of automotive applications.





ð ٤ب See Marking Instructions.

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DSS}	40	V
Drain Current	I_D(Tc=25)	60.2	A
Drain Current - Pulsed	I_{DM}	217	A
Gate-Source Voltage	V_{GSS}	±20	V
Single Pulsed Avalanche Energy	E_{AS}	240.1	mJ
Avalanche Current	I_{AS}	24.5	A
Power Dissipation	P_D(Tc=25)	36	W
Operating and Storage Temperature Range	T_J,T_{stg}	-55 to 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	t					

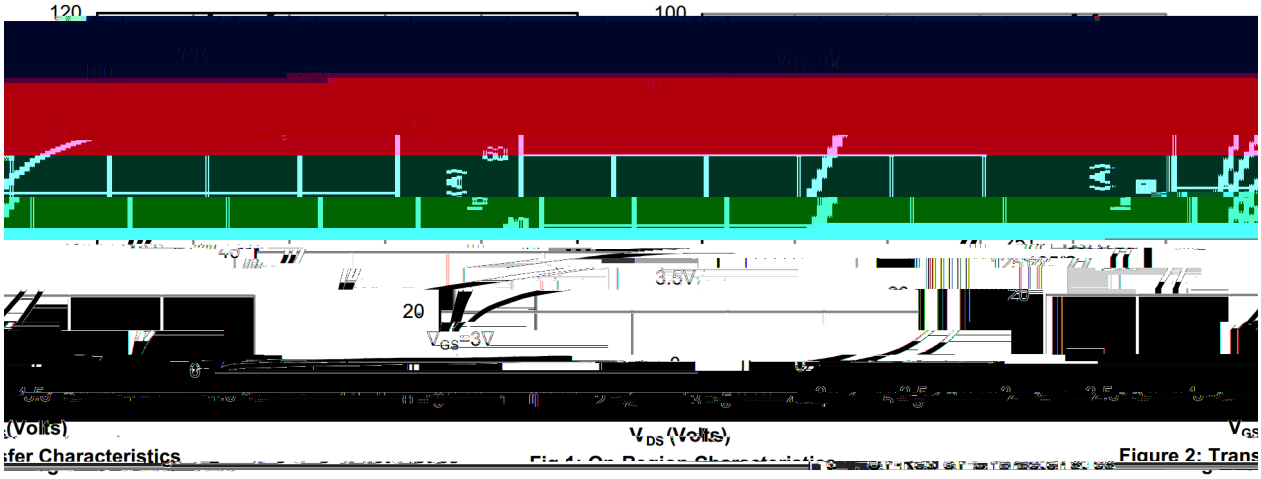
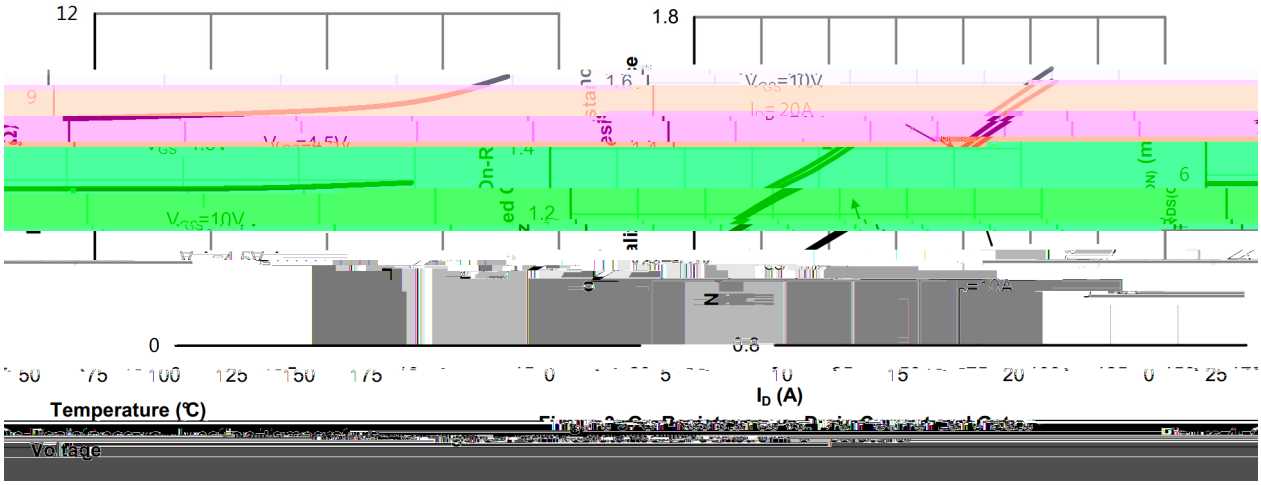


Figure 2: Trans



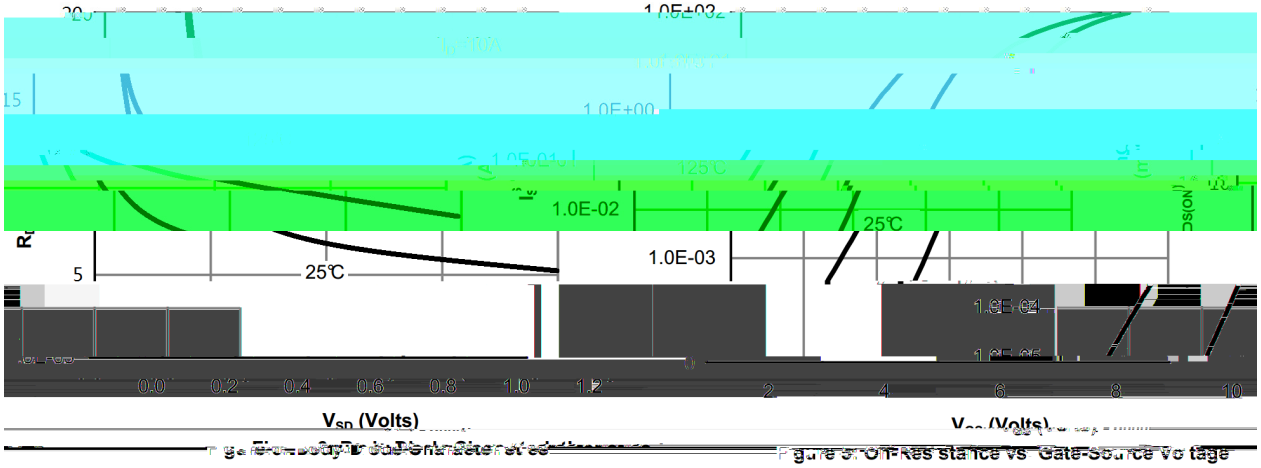
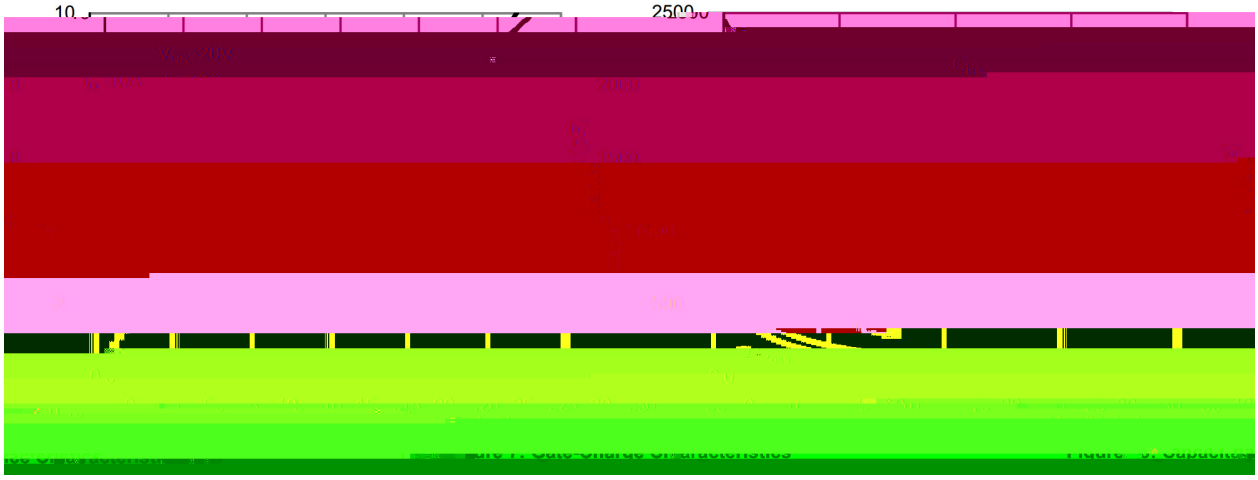
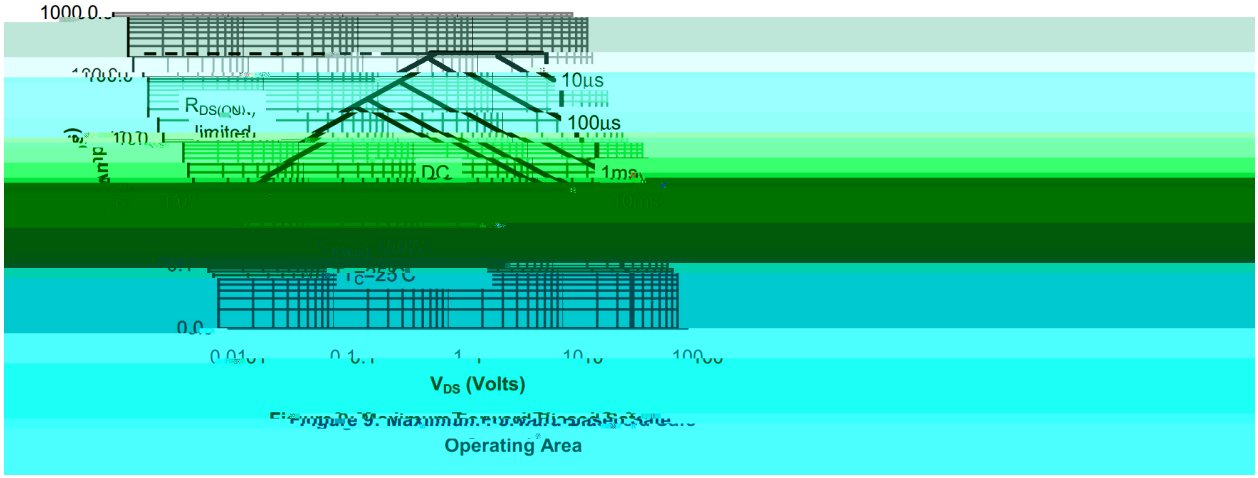
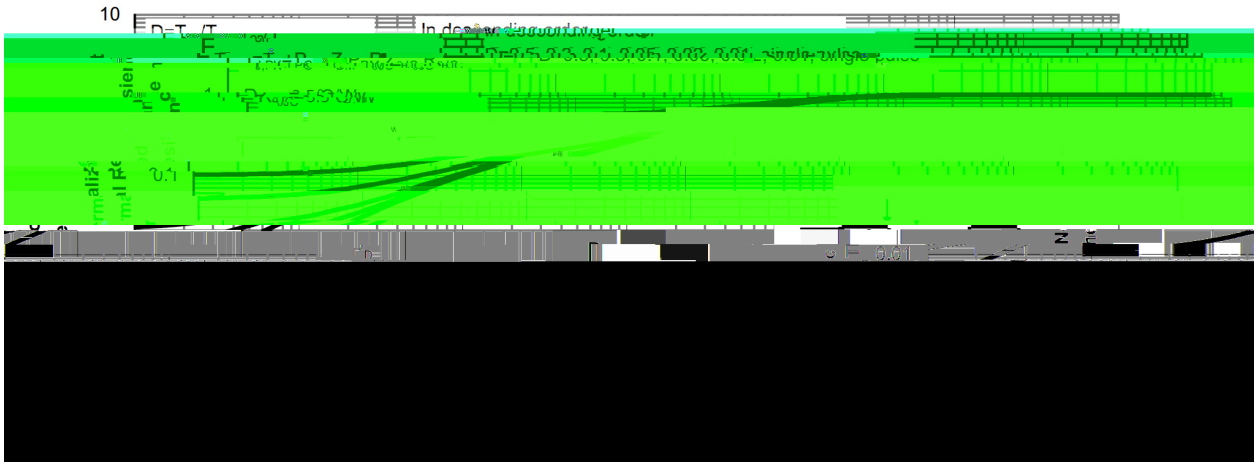


Figure 3: On-Resistance vs. Gate-Source Voltage





Operating Area



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EU χ и .

T χ ج ٧٤

060N04 χ N

Temperature Profile for IR Reflow Soldering(Pb-Free)