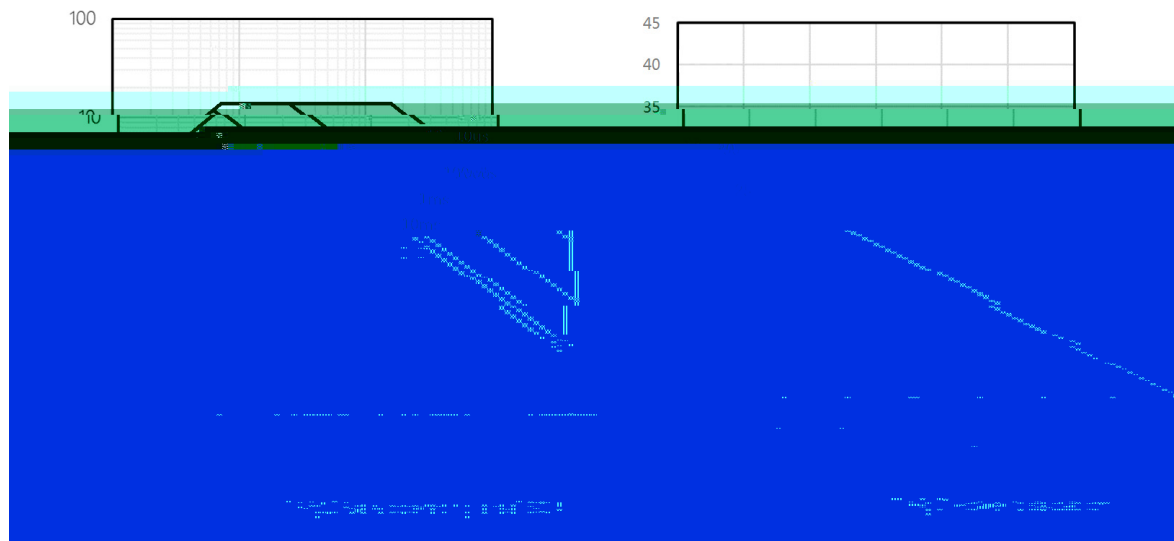
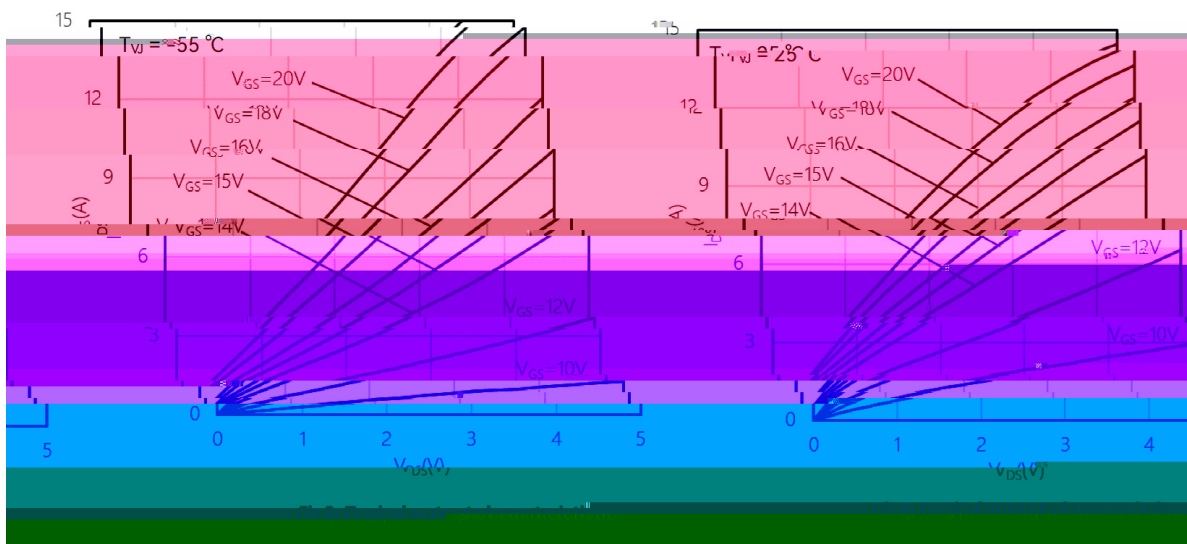
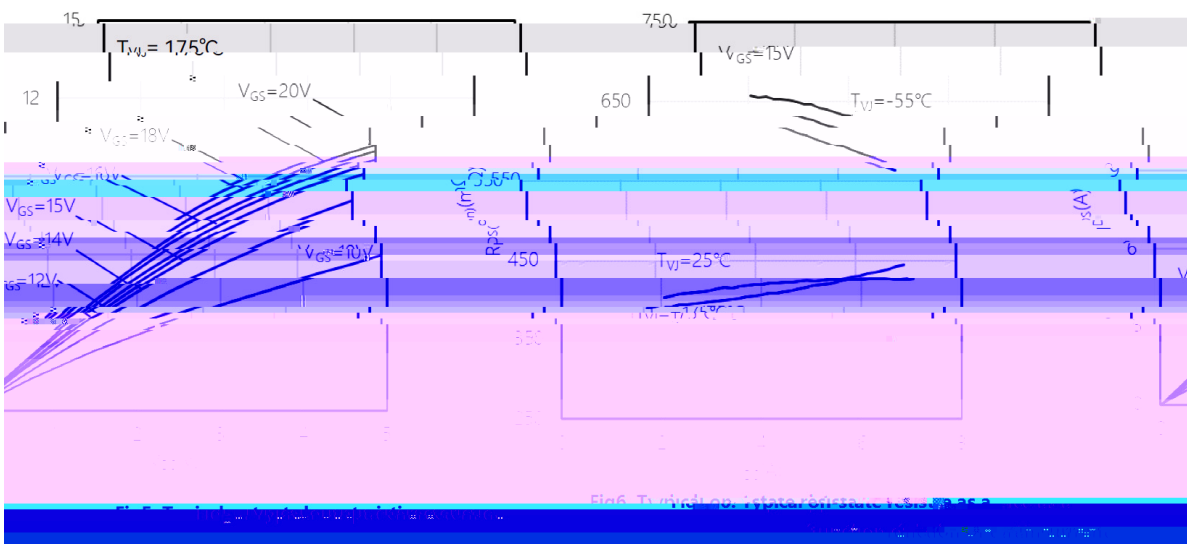


P_{tot}	$Z_{DS(on)}$	$R_{DS(on)}$	θ_{JA}
$P_{tot} @ V_{GS} = 10V, T_{amb} = 25^{\circ}C$	$Z_{DS(on)}$	650	θ_{JA}
$P_{tot} @ V_{GS} = 10V, T_{amb} = 25^{\circ}C$	$I_{D(T=25^{\circ}C)}$	8.8	A
$P_{tot} @ V_{GS} = 10V, T_{amb} = 100^{\circ}C$	$I_{D(T=100^{\circ}C)}$	6.8	A

Electrical Characteristics(Tc=25℃ ;)

Symbol	Unit	Test Condition	Min	Typ	Max	Notes
T_{ON}	ns	$V_{GS}=0/15V$ $L=600H$ $V_{DD}=400V$ $I_D=4.5A$ $R_g=9.1\Omega$		17.0		8
T_{OFF}	ns			12.2		
$T_{d(on)}$	ns			14.5		
$T_{d(off)}$	ns			13.1		
T_{on}	ns			45.4		J
T_{off}	ns			3.86		
T_{sw}	ns			49.2		
G_{th}	°C/W	$V_{AC}=25V$ $f=1MHz$		25		
I_{CP}	A	$V_{DS}=400V$ $V_{GS}=0V$ $f=1MHz$		170		P
O_{CP}	A			13		
R_{thCP}	°C/W			1.3		
T_{gth}	°C	$V_{GS}=0/15V$ $V_{DS}=400V$ $I_D=4.5A$		9.0		C
G_{th}	°C/W			3.2		
G_{thCP}	°C/W			1.3		

1. Electrical Characteristic Curve



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Electrical Characteristic Curve

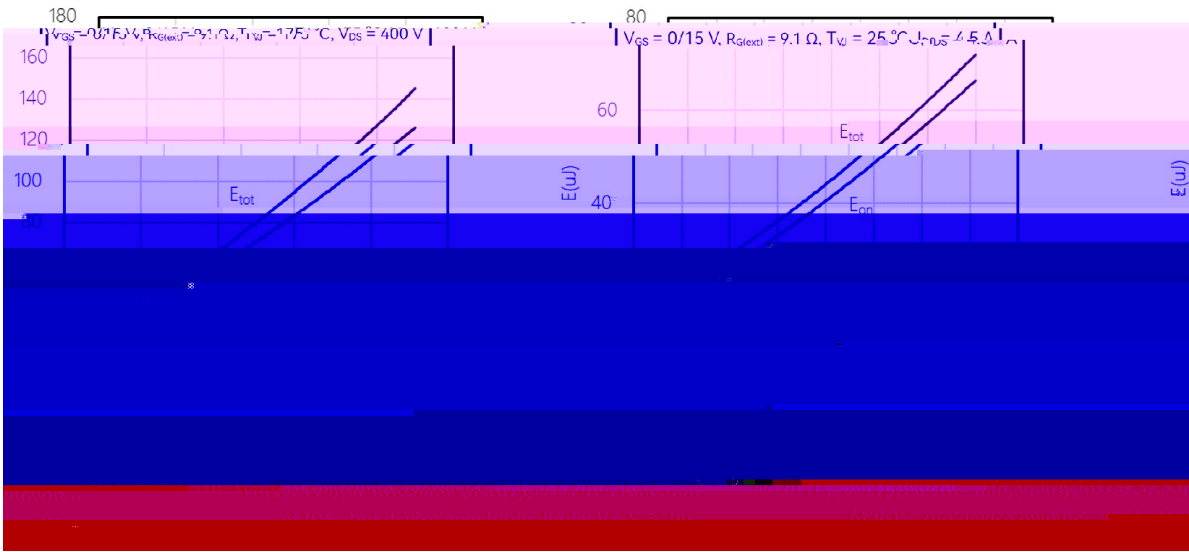
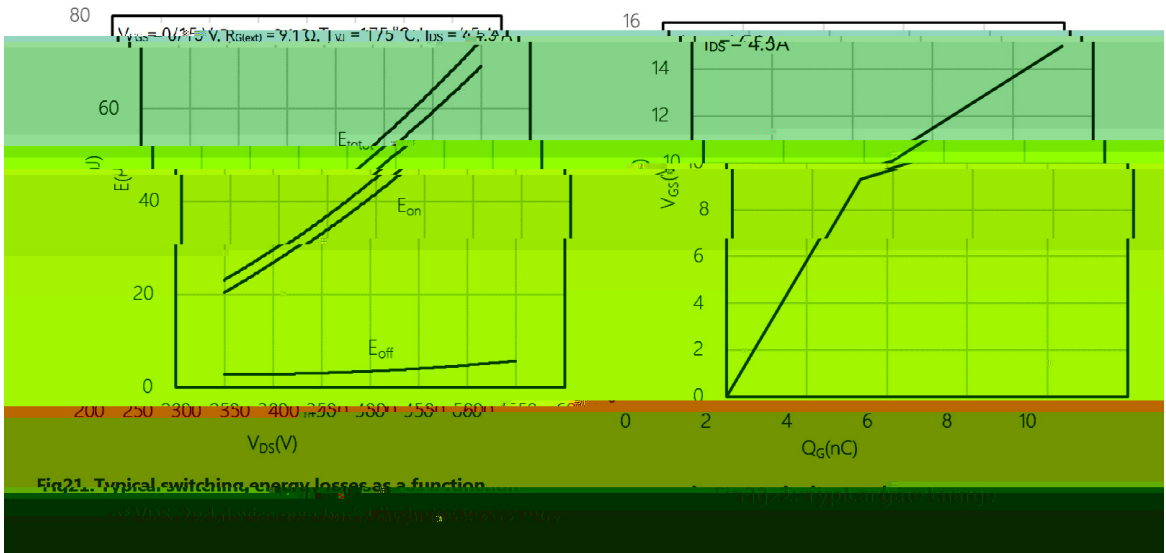
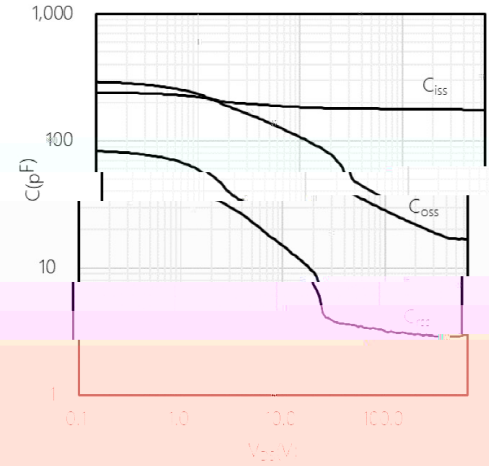
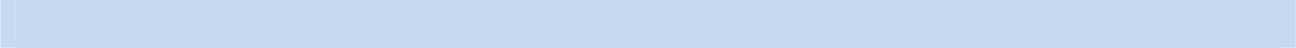


Fig23. Typical capacitance vs function



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R2.020



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