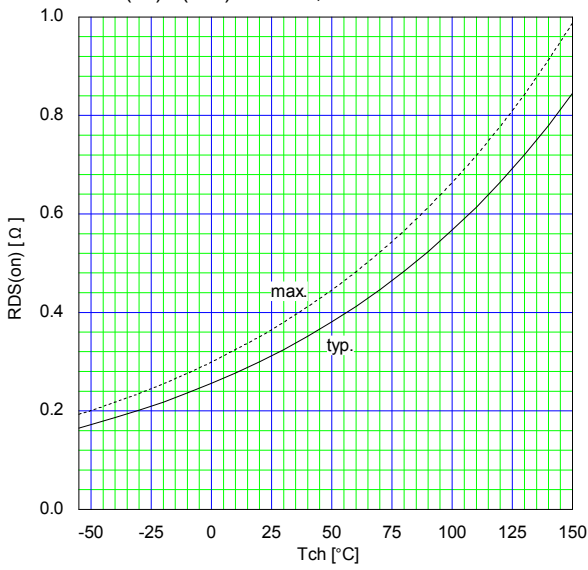
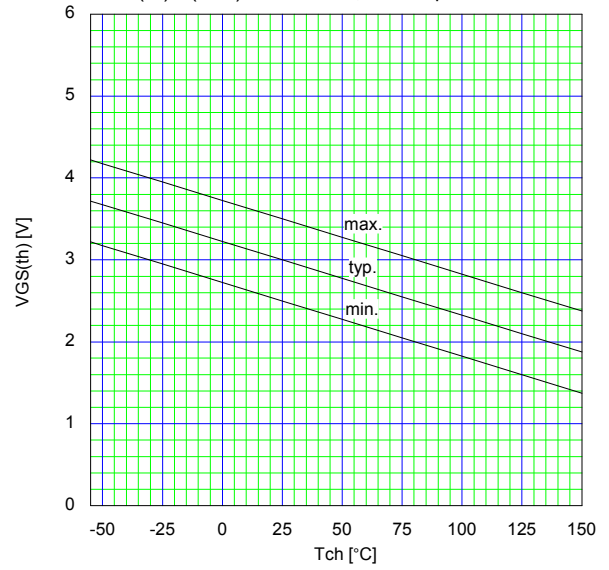


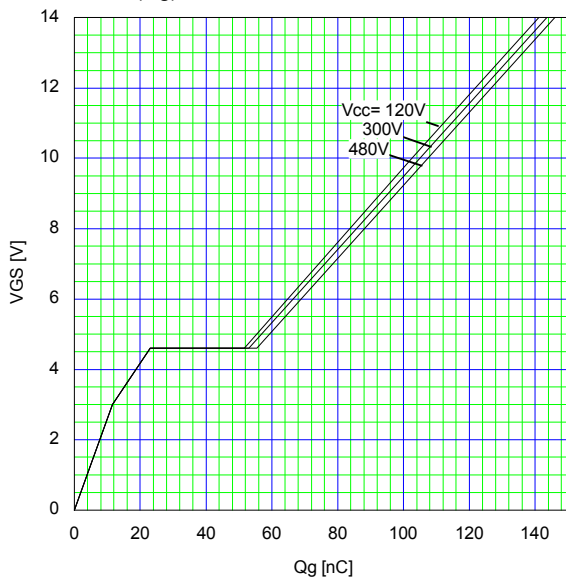
Drain-Source On-state Resistance
 $R_{DS(on)}=f(T_{ch}):I_D=9.5A, V_{GS}=10V$



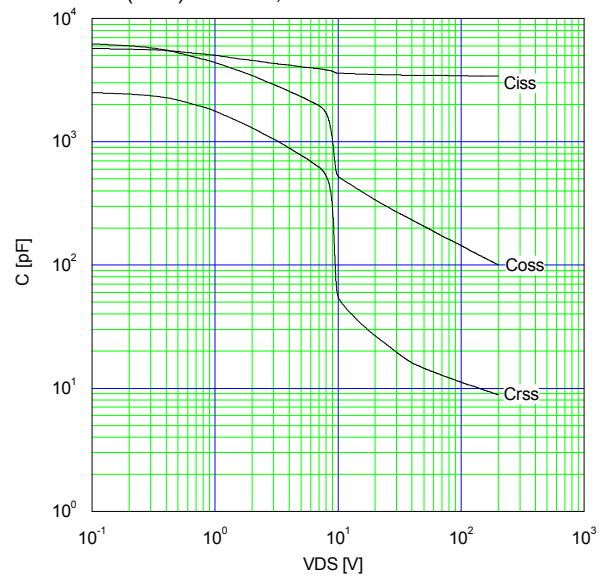
Gate Threshold Voltage vs. T_{ch}
 $V_{GS(th)}=f(T_{ch}):V_{DS}=V_{GS}, I_D=250\mu A$



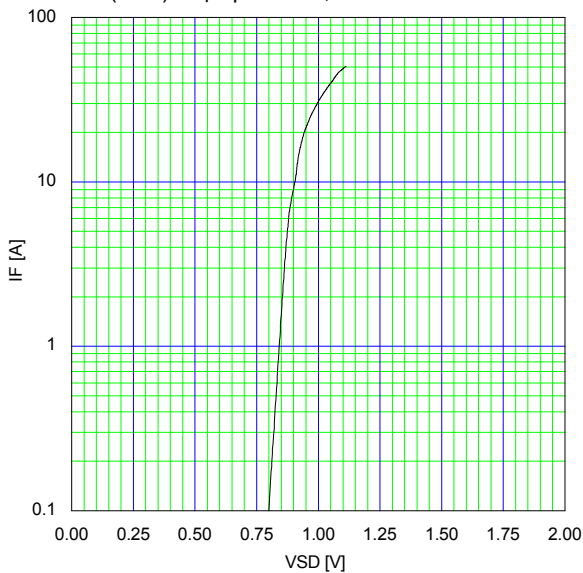
Typical Gate Charge Characteristics
 $V_{GS}=f(Q_g):I_D=19A, T_{ch}=25^\circ C$



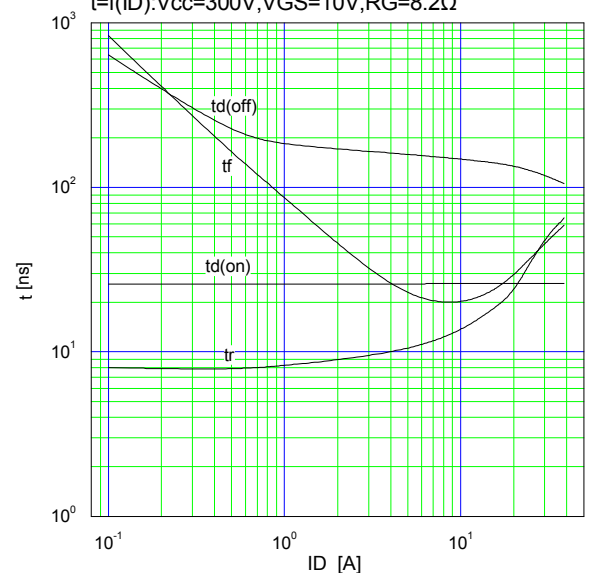
Typical Capacitance
 $C=f(V_{DS}):V_{GS}=0V, f=1MHz$



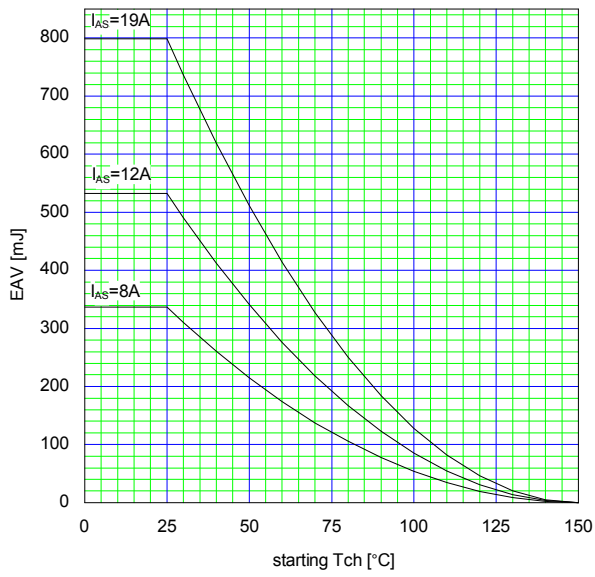
Typical Forward Characteristics of Reverse Diode
 $I_F=f(V_{SD}):80\mu s\text{ pulse test}, T_{ch}=25^\circ C$



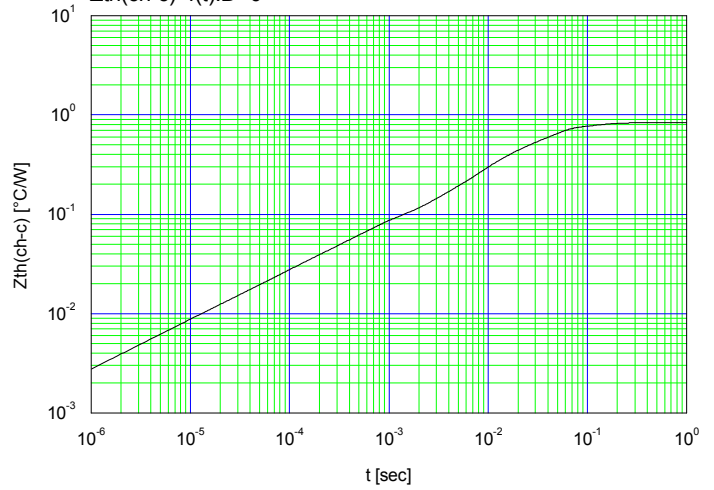
Typical Switching Characteristics vs. I_D
 $t=f(I_D):V_{cc}=300V, V_{GS}=10V, R_G=8.2\Omega$



Maximum Avalanche Energy vs. starting Tch
 $E(AV)=f(\text{starting Tch}):V_{cc}=60V, I(AV)\leq 19A$



Maximum Transient Thermal Impedance
 $Z_{th}(ch-c)=f(t):D=0$



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 - Emergency equipment for responding to disasters and anti-burglary devices • Safety devices
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