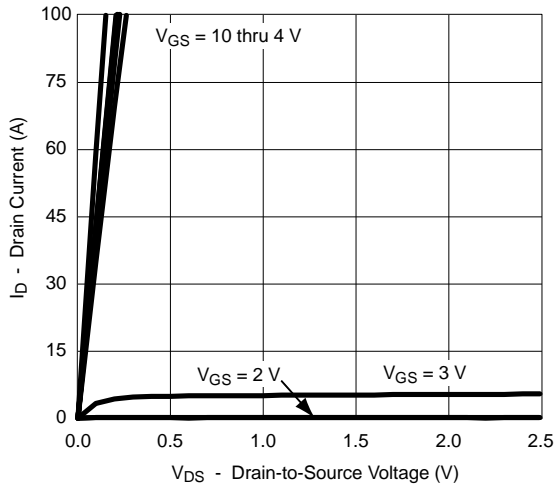
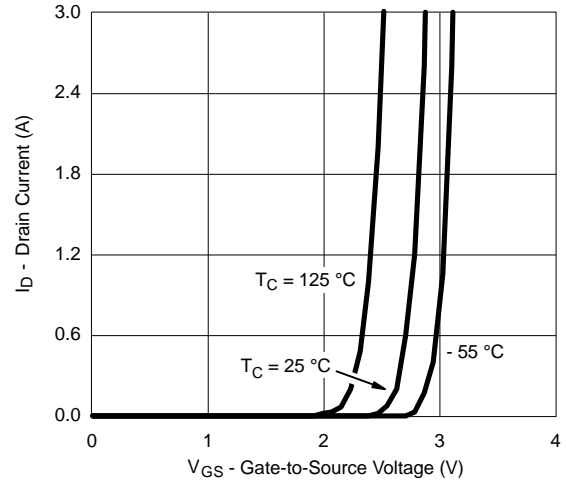
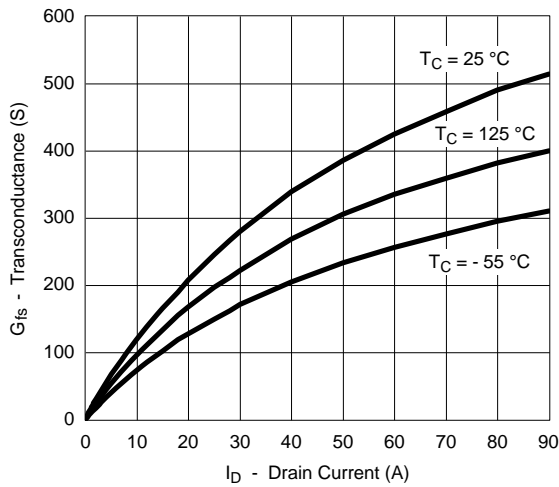
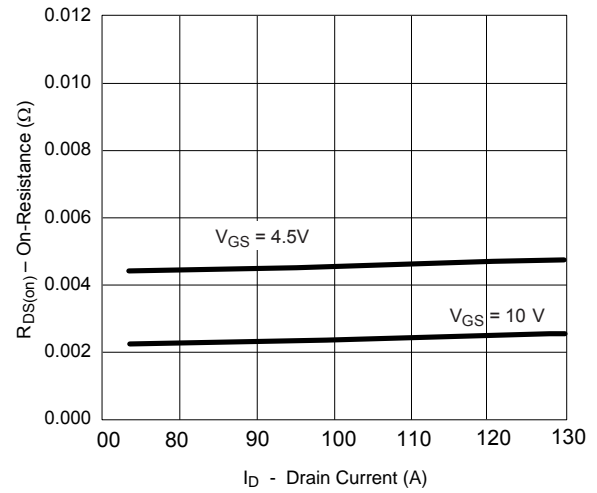
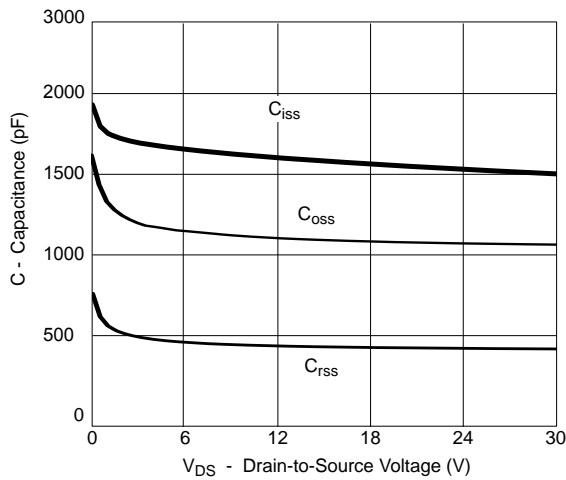
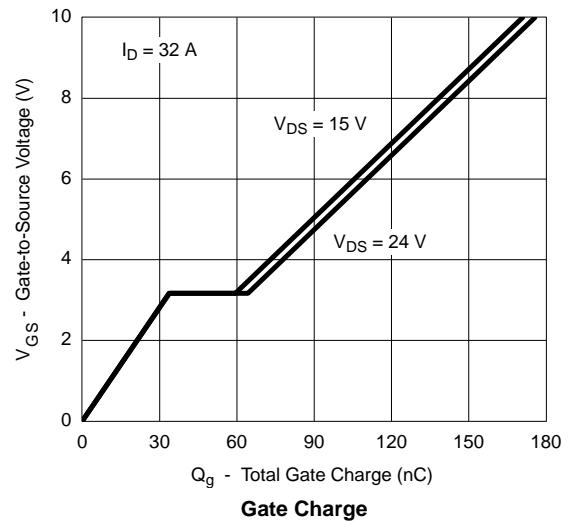
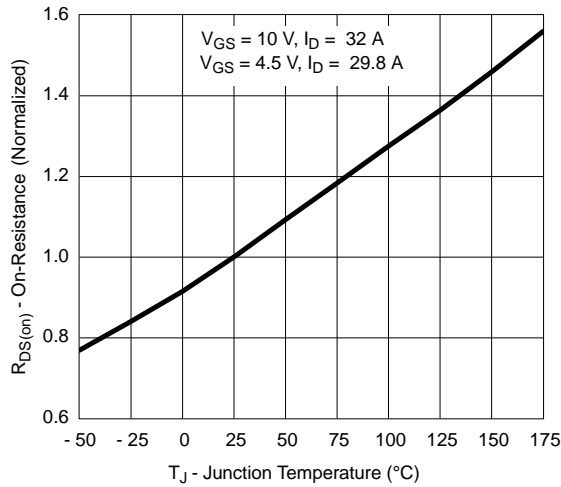
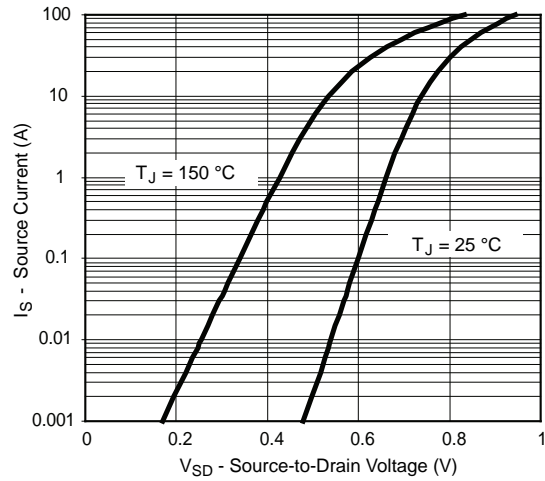
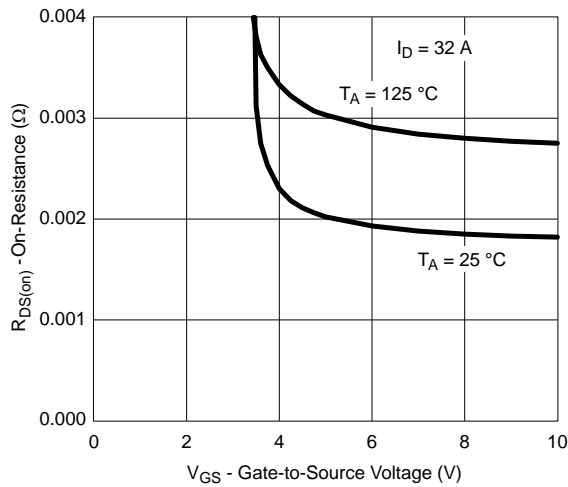
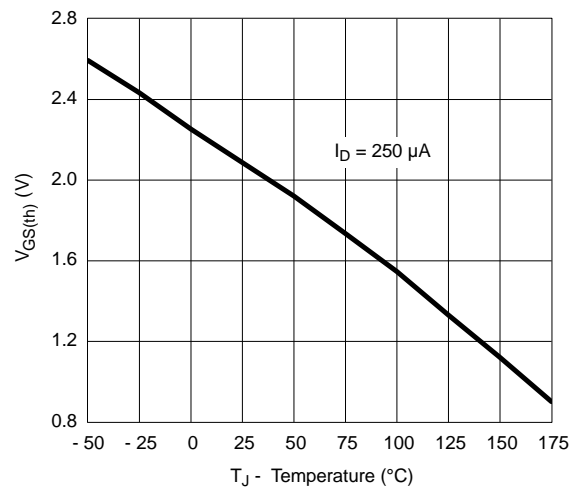
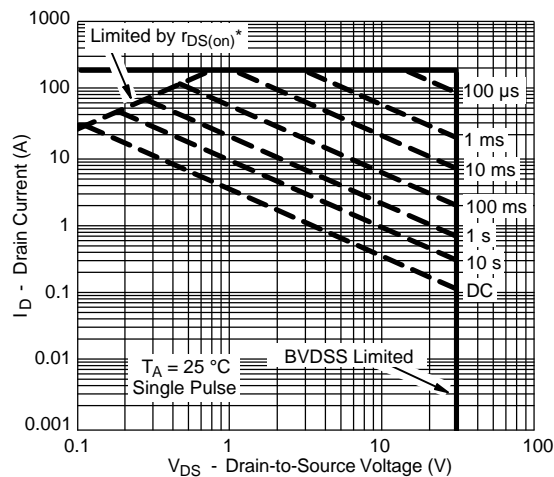






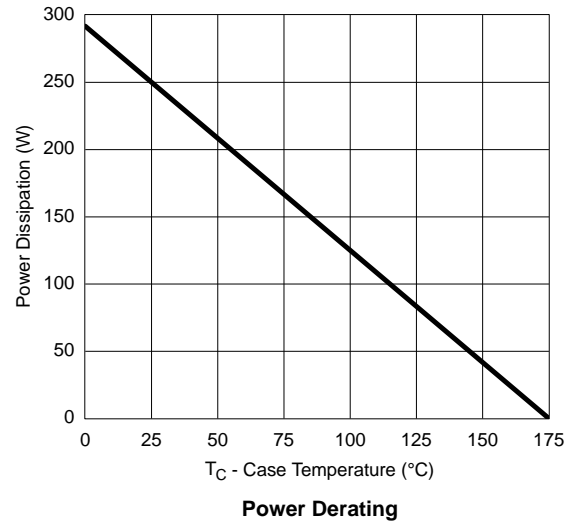
**TYPICAL CHARACTERISTICS** (25 °C, unless otherwise noted)

**Output Characteristics**

**Transfer Characteristics**

**Transconductance**

 **$R_{DS(on)}$  vs. Drain Current**

**Capacitance**

**Gate Charge**

**TYPICAL CHARACTERISTICS** (25 °C, unless otherwise noted)

**On-Resistance vs. Junction Temperature**

**Forward Diode Voltage vs. Temperature**

 **$R_{DS(on)}$  vs.  $V_{GS}$  vs. Temperature**

**Threshold Voltage**


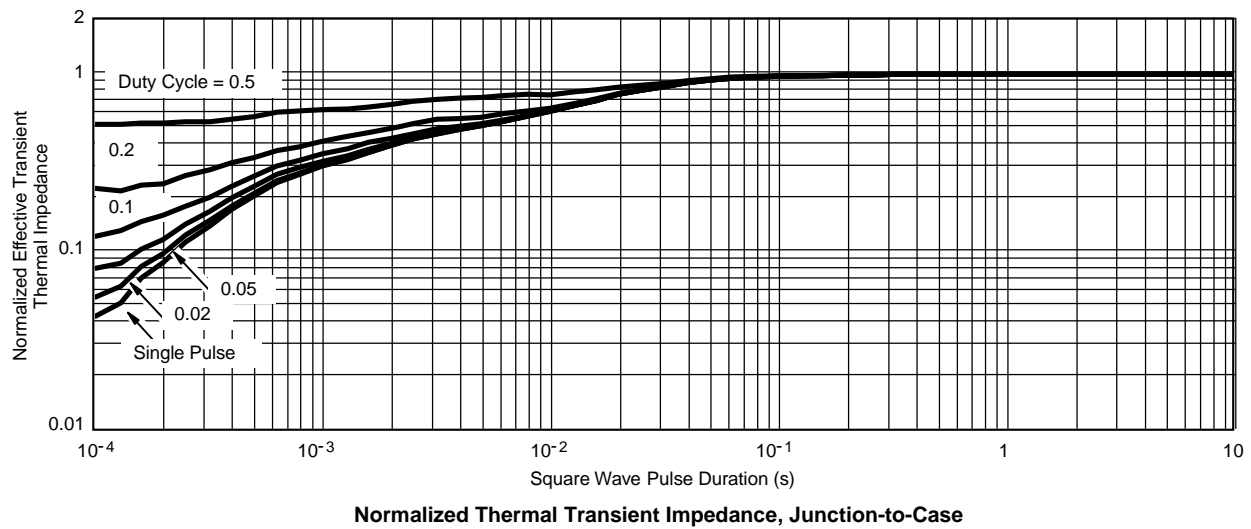
\* $V_{GS} >$  minimum  $V_{GS}$  at which  $r_{DS(on)}$  is specified

**Safe Operating Area, Junction-to-Ambient**

**TYPICAL CHARACTERISTICS** (25 °C, unless otherwise noted)



\* The power dissipation  $P_D$  is based on  $T_{J(max)} = 175\text{ °C}$ , using junction-to-case thermal resistance, and is more useful in settling the upper dissipation limit for cases where additional heatsinking is used. It is used to determine the current rating, when this rating falls below the package limit.





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