



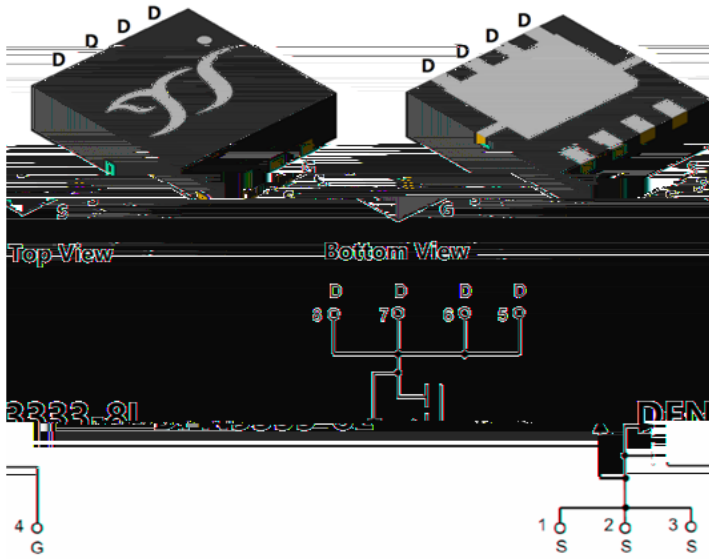
YJQ20N04A

N-Channel Enhancement Mode Field Effect Transistor

Product Summary

DS

40



YJQ20



Typical Performance Characteristics

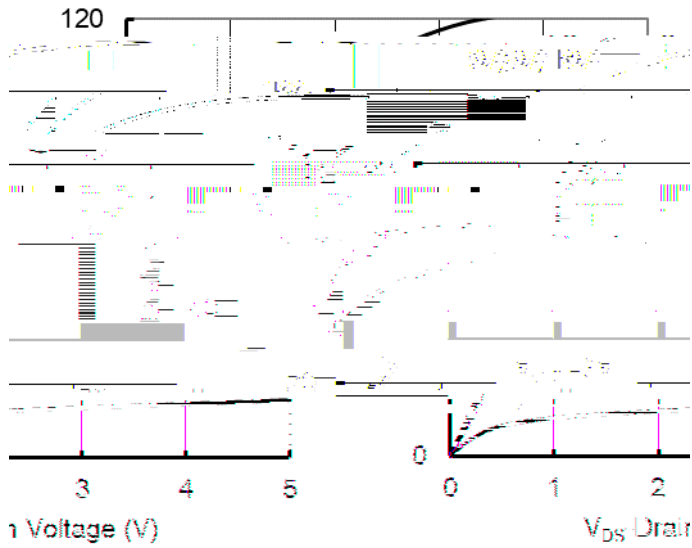


Figure 1. Output Characteristics

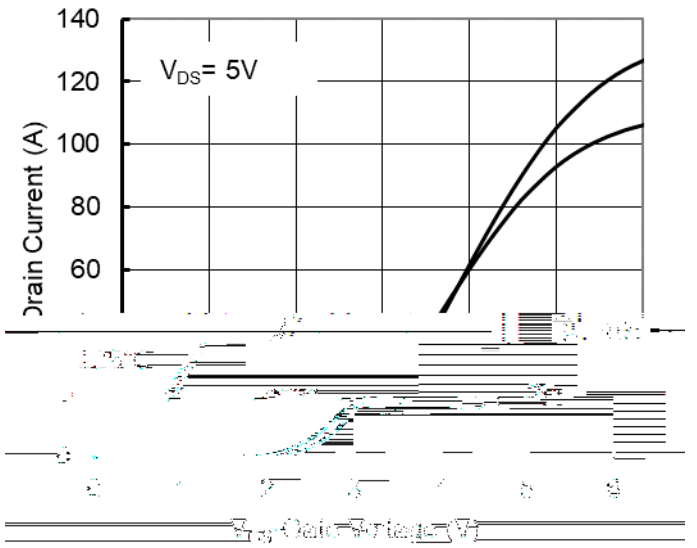


Figure 2. Transfer Characteristics

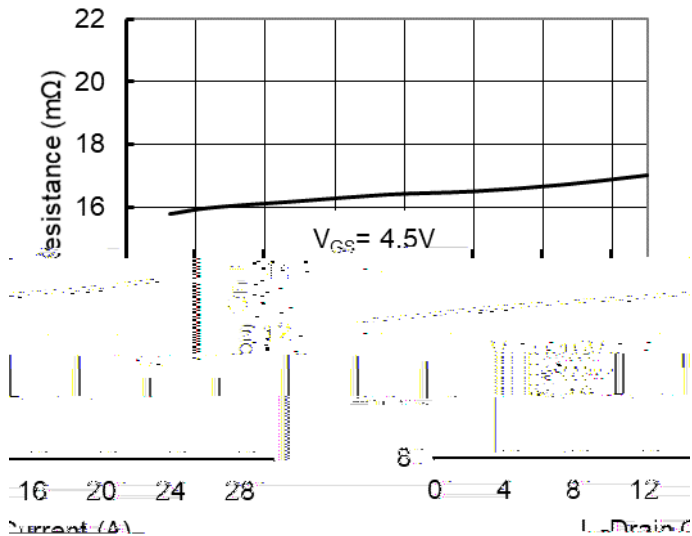


Figure 3. On-Resistance vs. Drain Current and Gate Voltage

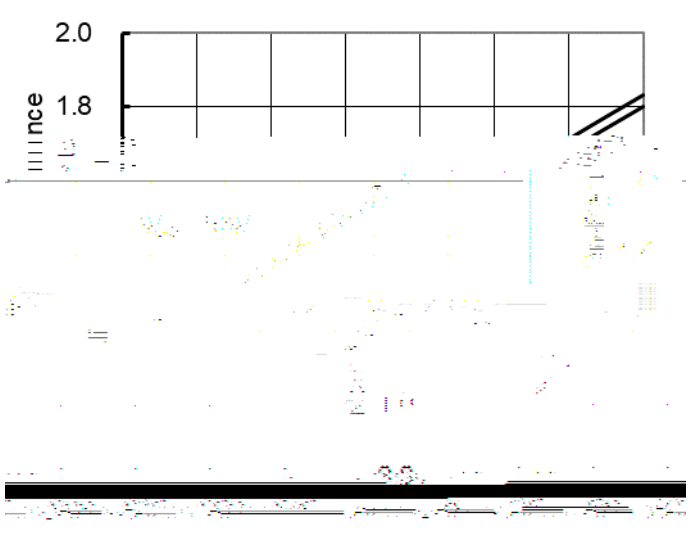


Figure 4. On-Resistance vs. Junction Temperature

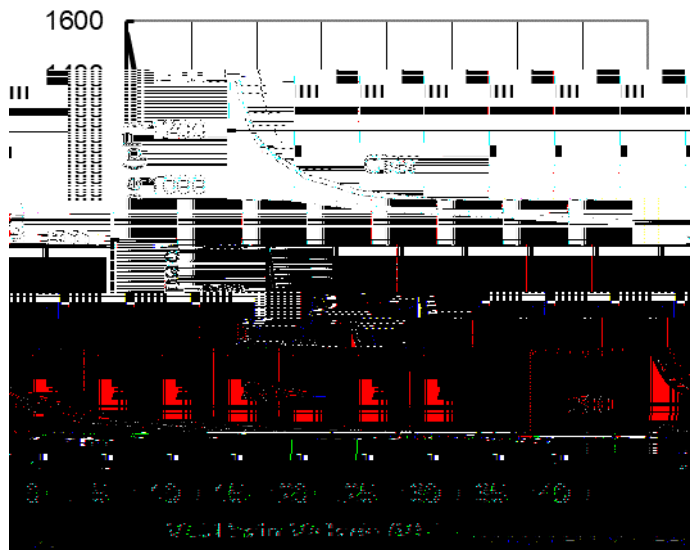


Figure 5. Capacitance Characteristics

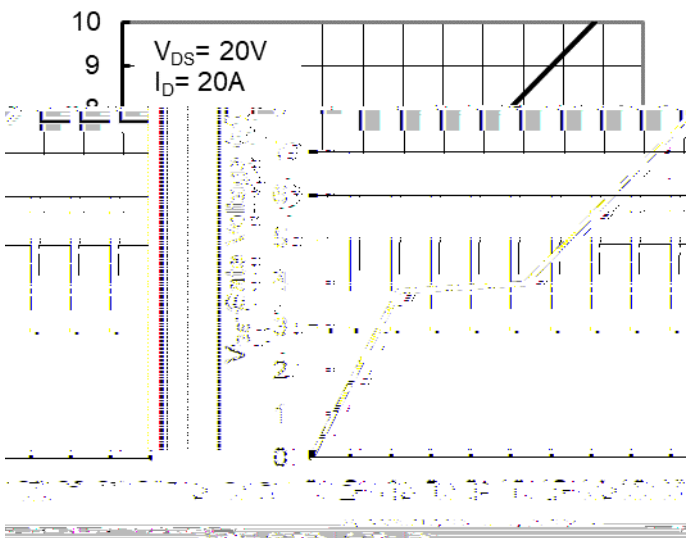
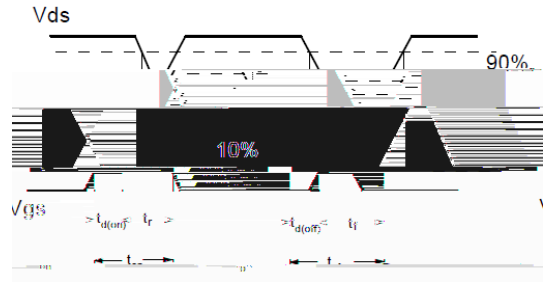
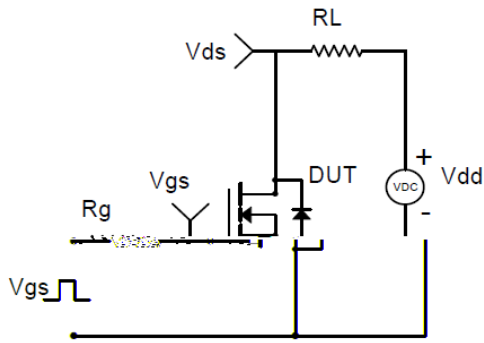
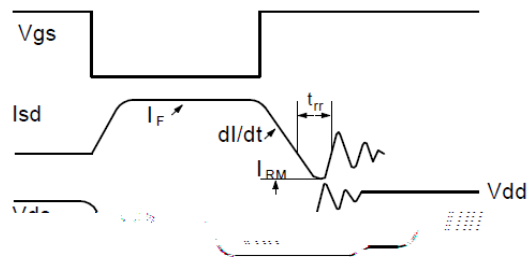
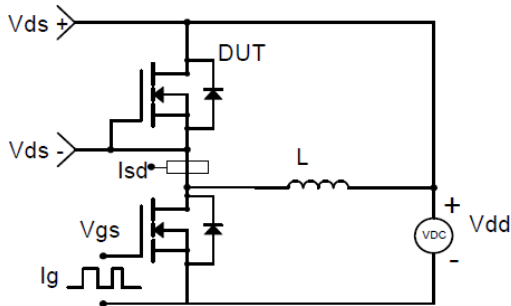


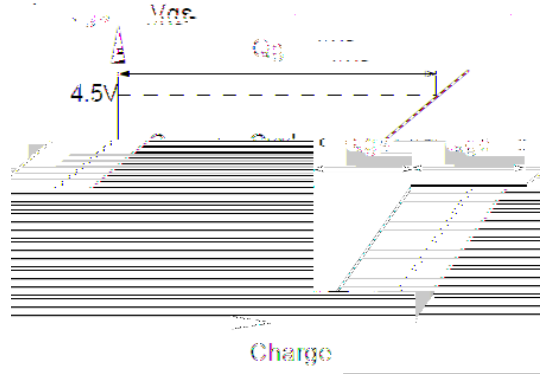
Figure 6. Gate Charge



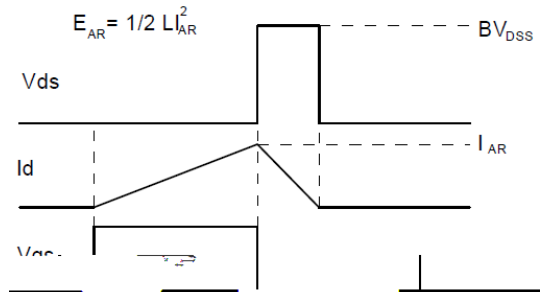
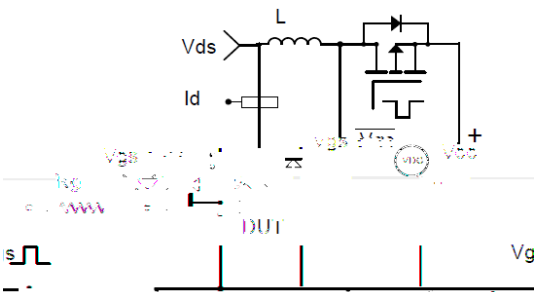
Resistive Switching Test Circuit & Waveforms



Diode Recovery Test Circuit & Waveforms



Gate Charge Test Circuit & Waveform



Unclamped Inductive Switching (UIS) Test Circuit & Waveforms



YJQ20N04A

DFN3333-8L-A-0.8MM Package information

