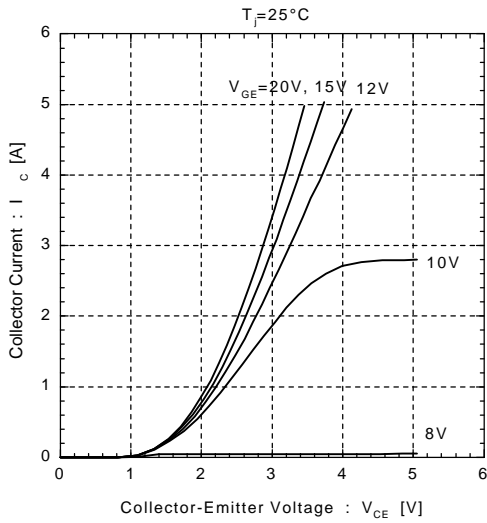
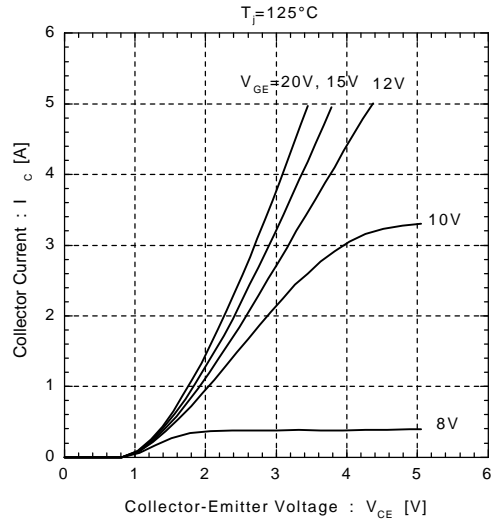




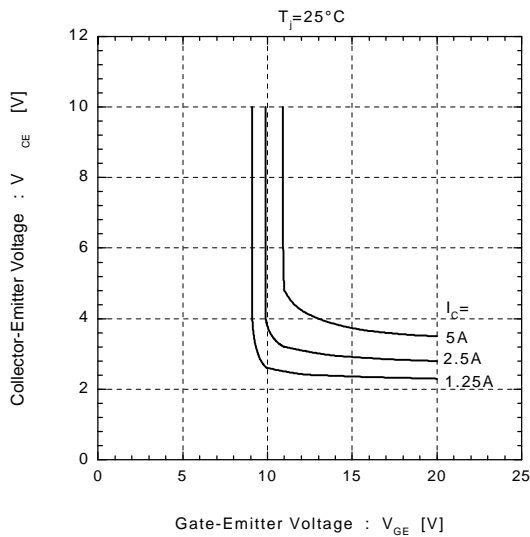
Collector Current vs. Collector-Emitter Voltage



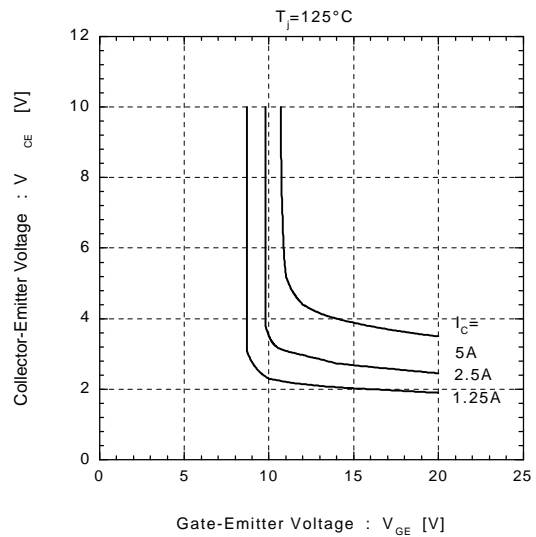
Collector Current vs. Collector-Emitter Voltage



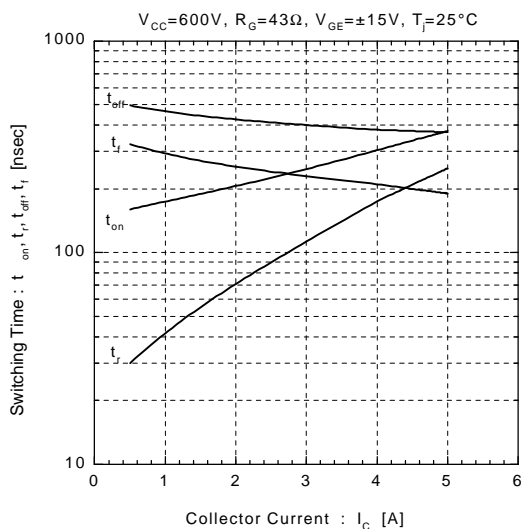
Collector-Emitter Voltage vs. Gate-Emitter Voltage



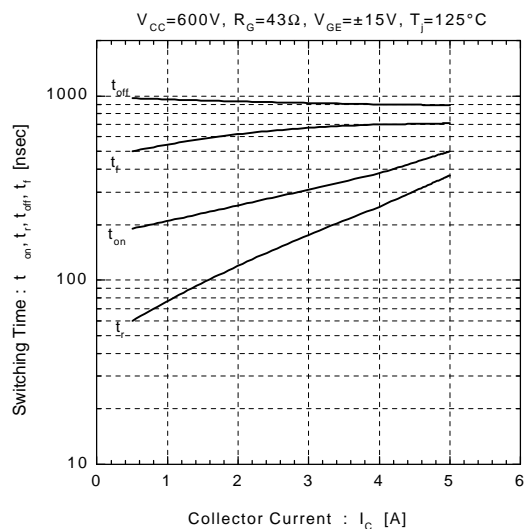
Collector-Emitter Voltage vs. Gate-Emitter Voltage

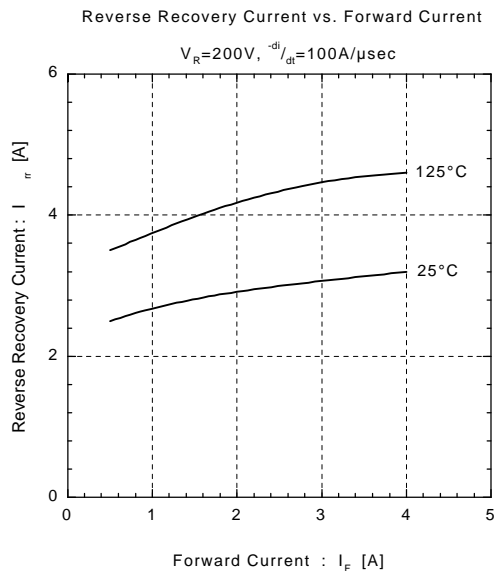
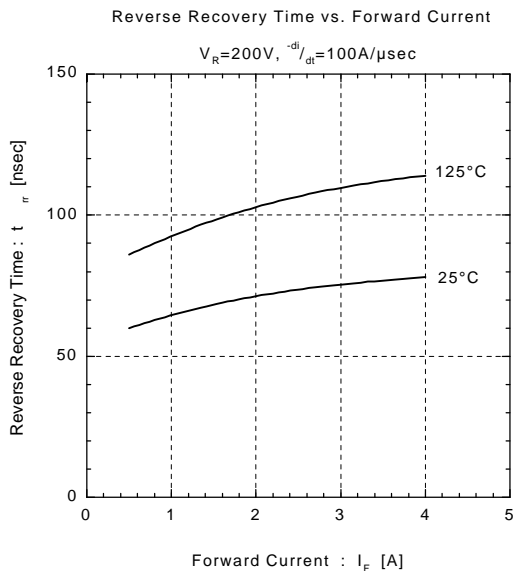
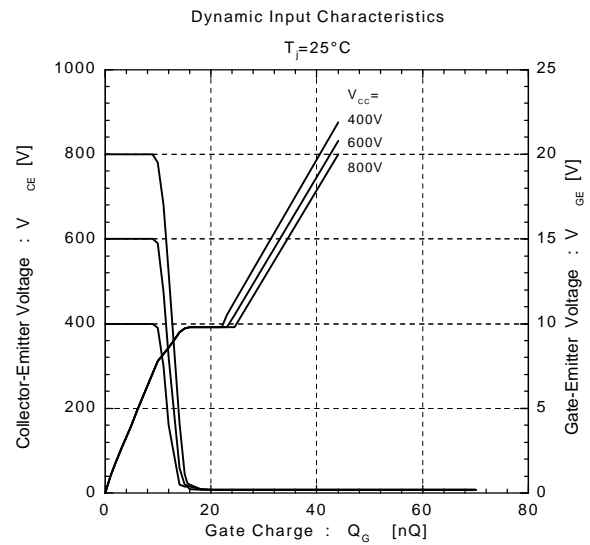
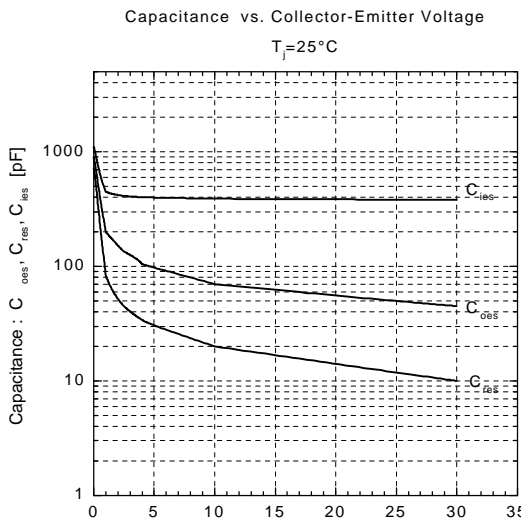
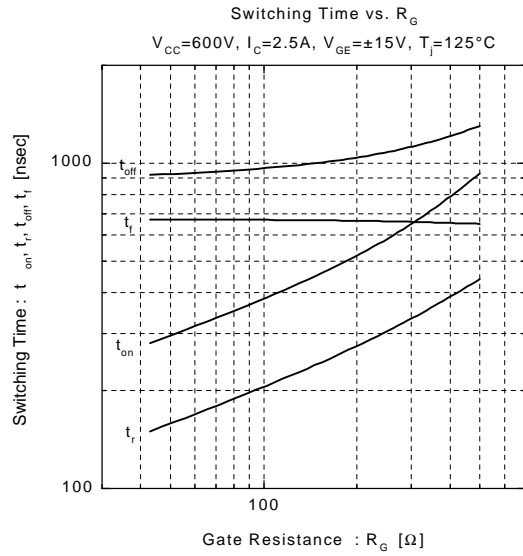
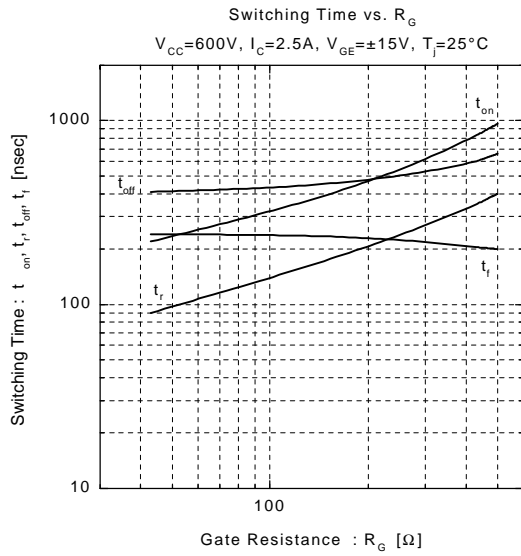


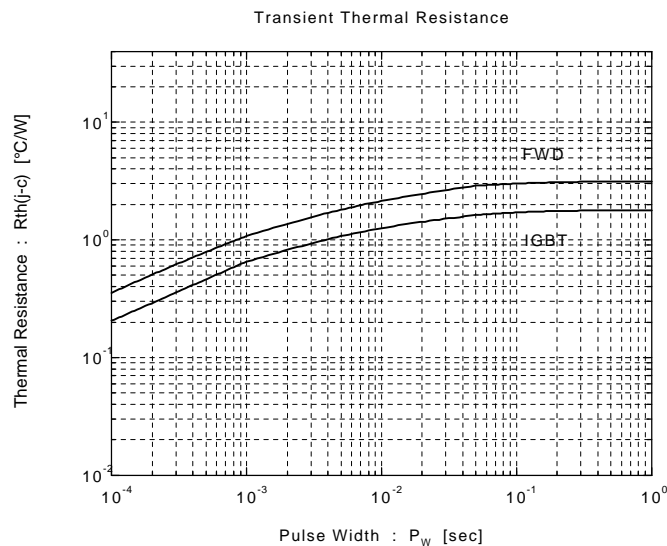
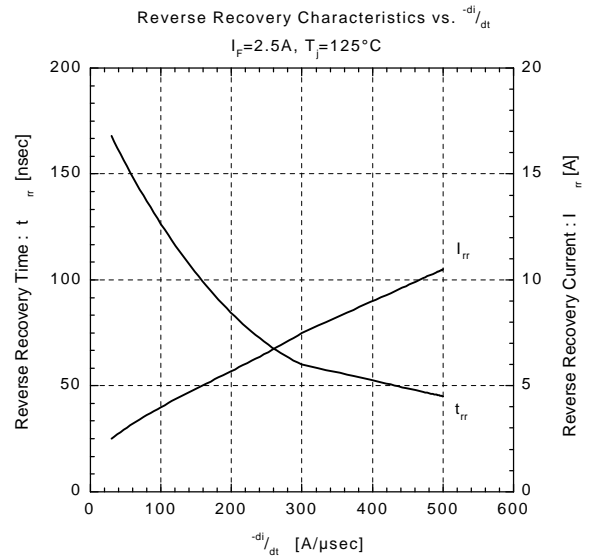
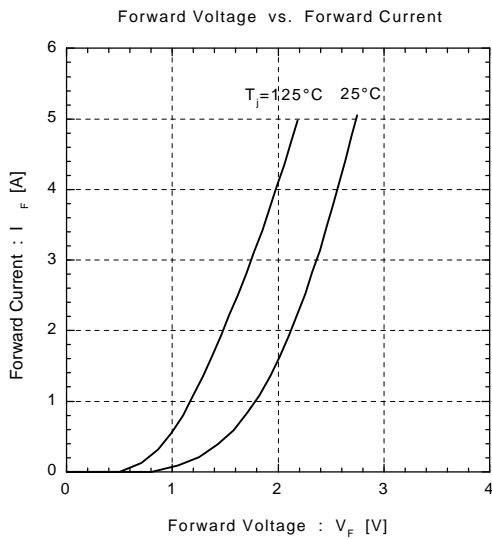
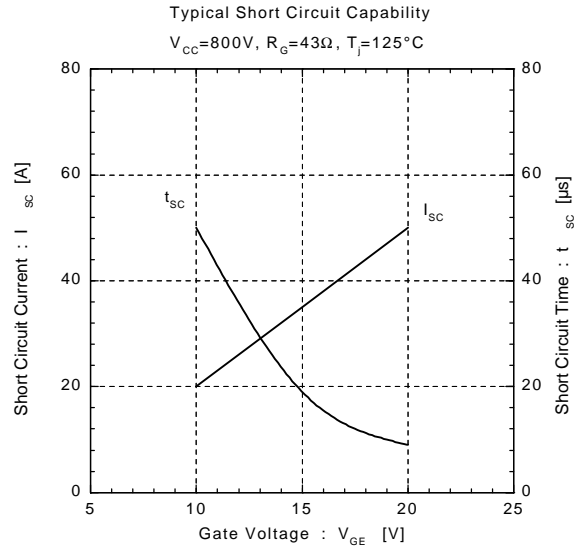
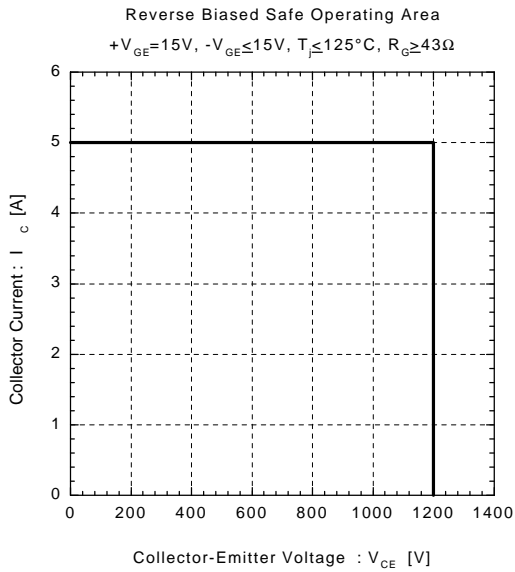
Switching Time vs. Collector Current



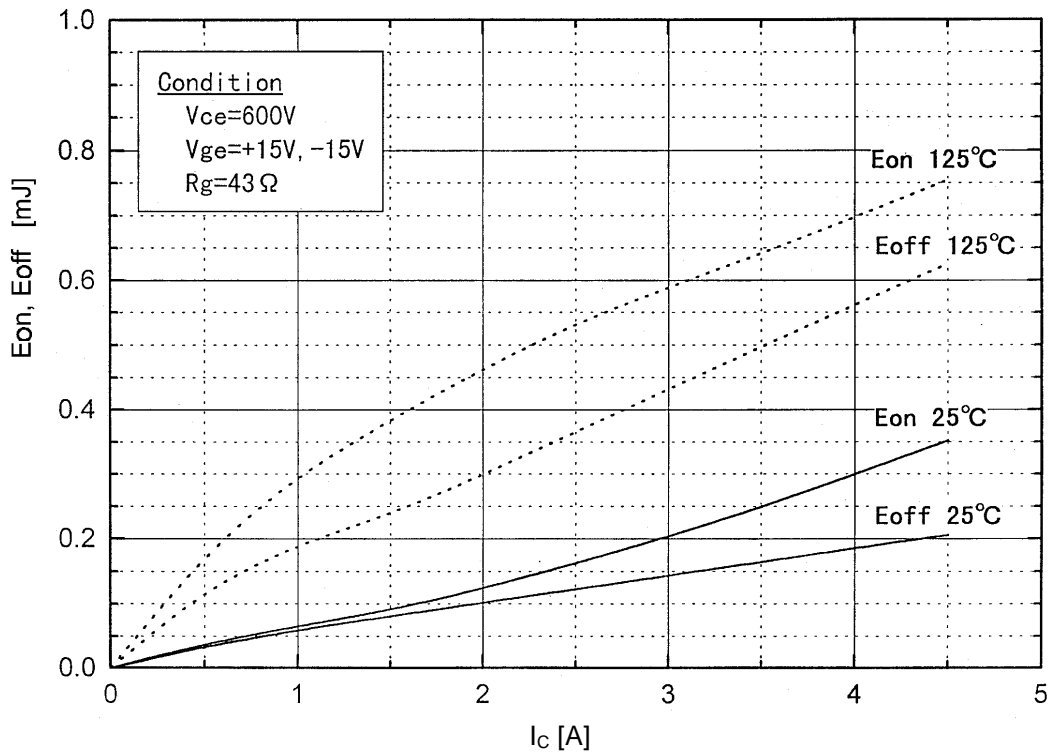
Switching Time vs. Collector Current



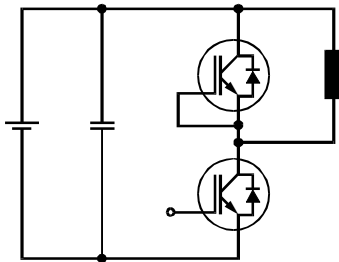




### Switching losses ( $E_{on}$ , $E_{off}$ vs. $I_c$ )



Test Circuit



Switching waveforms

