

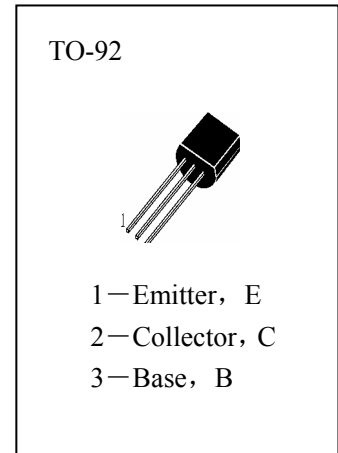


APPLICATIONS

General Purpose Amplifier Application.

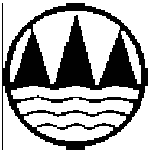
ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

- Tstg—Storage Temperature..... -55~150°C
Tj—Junction Temperature.....150°C
Pc—Collector Dissipation.....0.83W
Vcbo—Collector-Base Voltage.....-32V
Vceo—Collector-Emitter Voltage.....-20V
Vebo—Emitter-Base Voltage.....-5V
Ic—Collector Current.....-1A

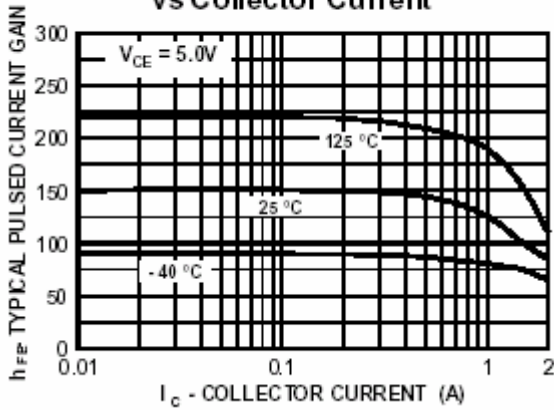


ELECTRICAL CHARACTERISTICS (Ta=25°C)

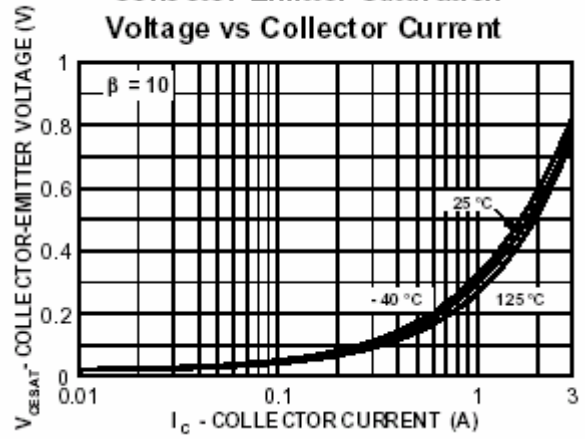
Table with 7 columns: Symbol, Characteristics, Min, Typ, Max, Unit, Test Conditions. Rows include BVcbo, BVceo, BVebo, HFE (1-3), VCE(sat), VBE(on1-2), ICBO (1-2), IEBO, ft, and Cc.



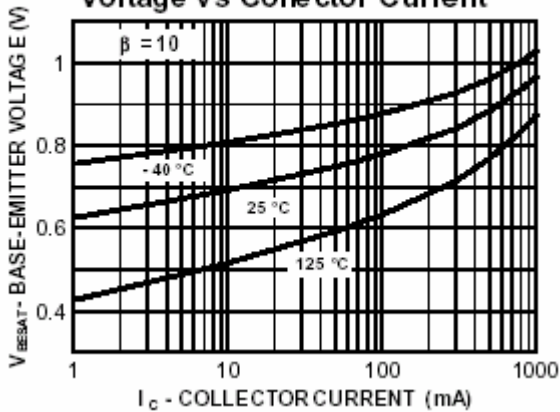
Typical Pulsed Current Gain vs Collector Current



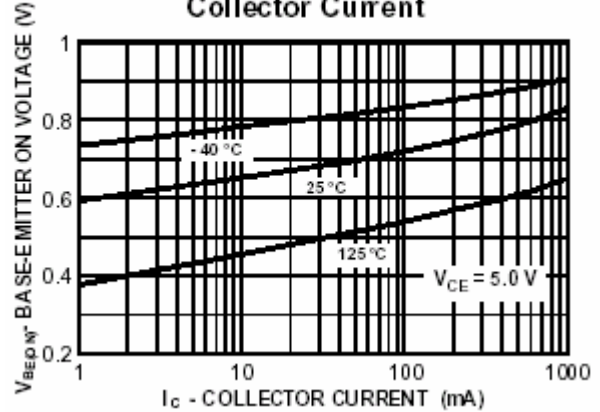
Collector-Emitter Saturation Voltage vs Collector Current



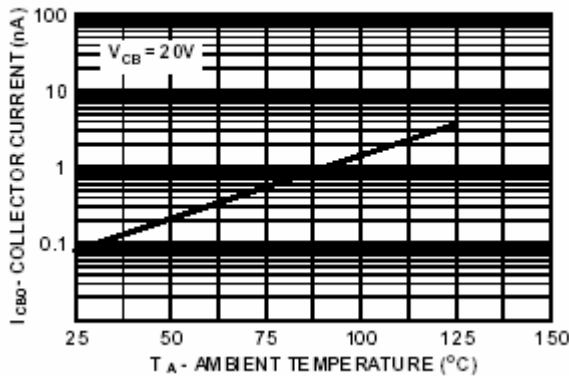
Base-Emitter Saturation Voltage vs Collector Current



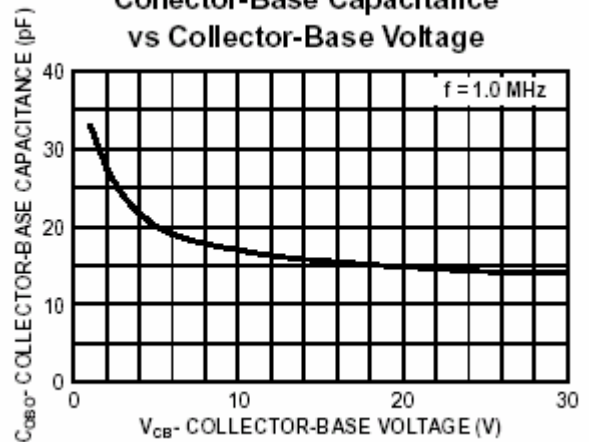
Base-Emitter ON Voltage vs Collector Current

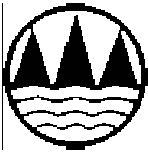


Collector-Cutoff Current vs Ambient Temperature

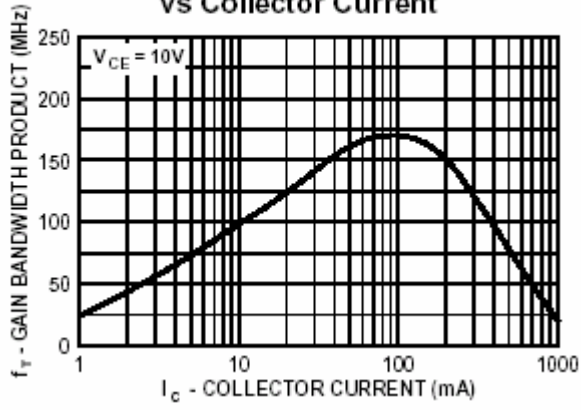


Collector-Base Capacitance vs Collector-Base Voltage





Gain Bandwidth Product vs Collector Current



Power Dissipation vs Ambient Temperature

