

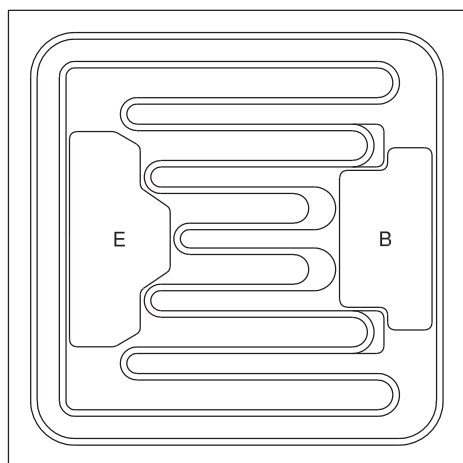
PROCESS CP305
Small Signal Transistor
NPN - High Current Transistor Chip



PROCESS DETAILS

Process	EPITAXIAL PLANAR
Die Size	31 x 31 MILS
Die Thickness	9.0 MILS
Base Bonding Pad Area	5.9 x 11.8 MILS
Emitter Bonding Pad Area	6.5 x 13.8 MILS
Top Side Metalization	Al - 30,000Å
Back Side Metalization	Au - 18,000Å

GEOMETRY



BACKSIDE COLLECTOR R2

GROSS DIE PER 4 INCH WAFER

11,212

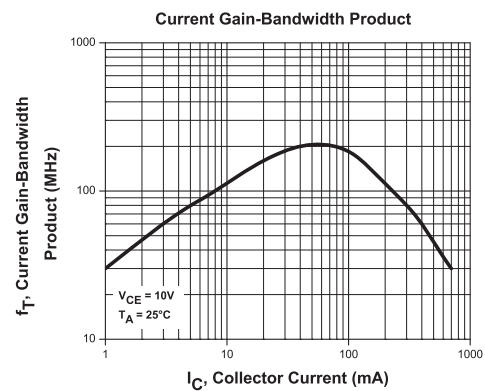
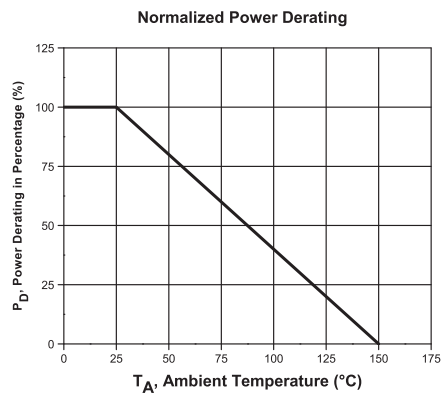
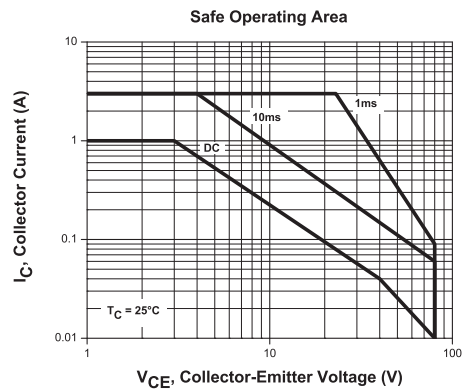
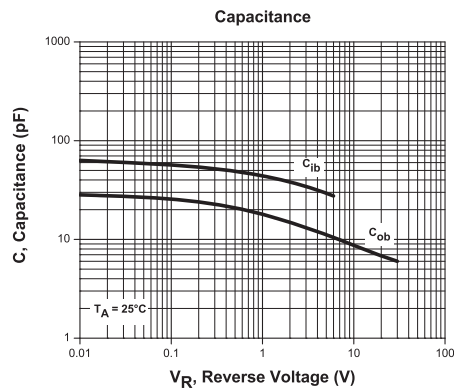
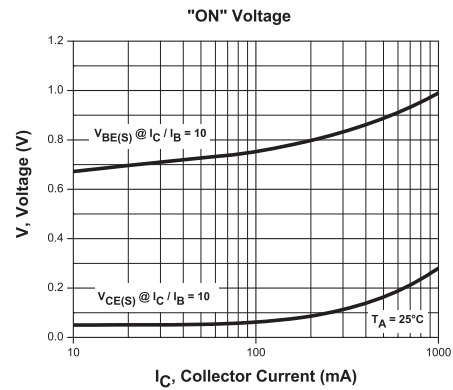
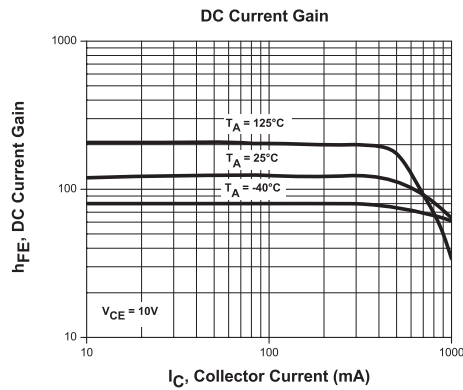
PRINCIPAL DEVICE TYPES

2N3019
CMPT3019
CXT3019
CZT3019

R3 (22-March 2010)

PROCESS CP305

Typical Electrical Characteristics



R3 (22-March 2010)