

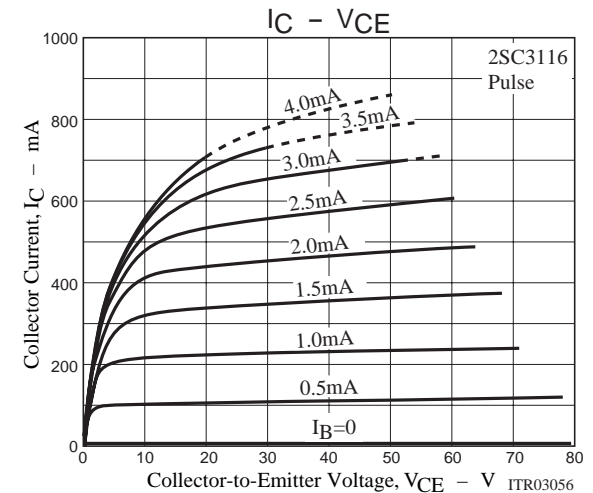
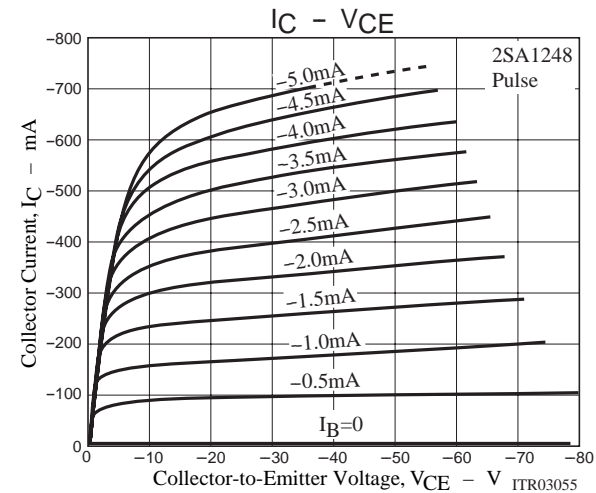
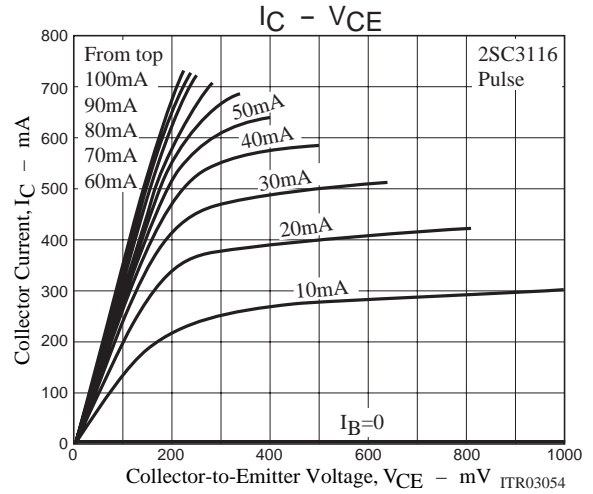
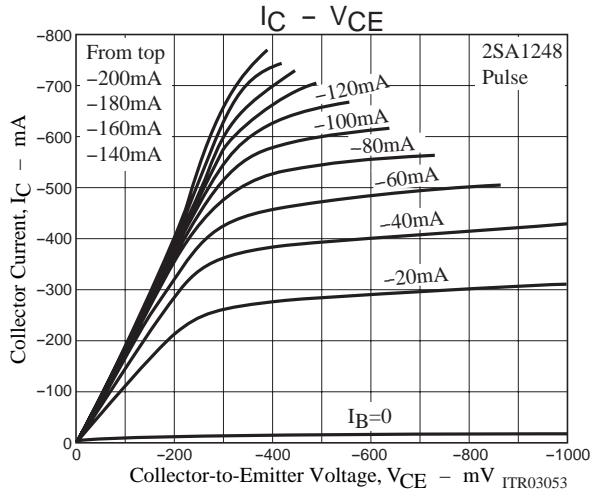
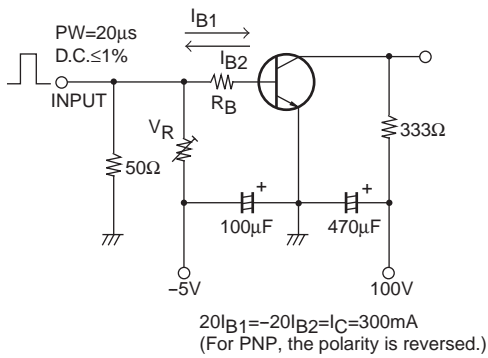


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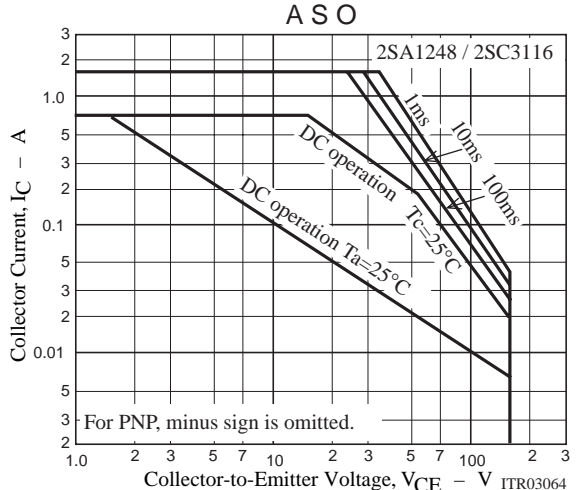
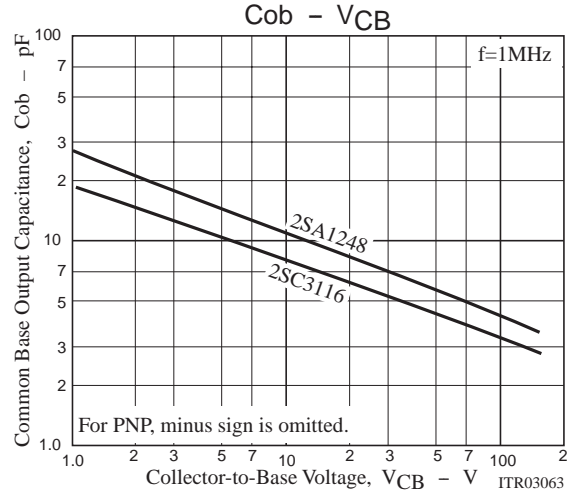
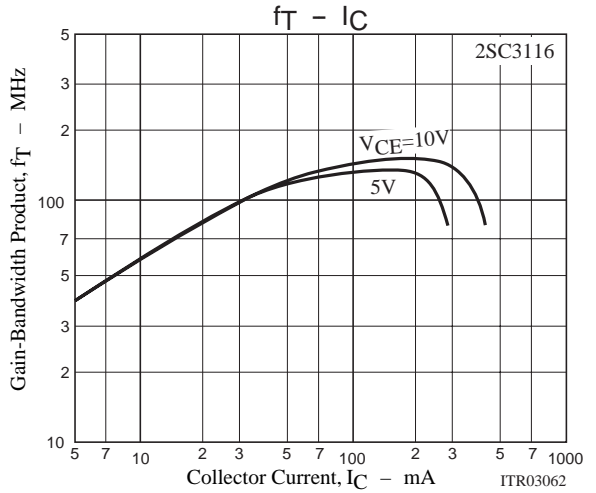
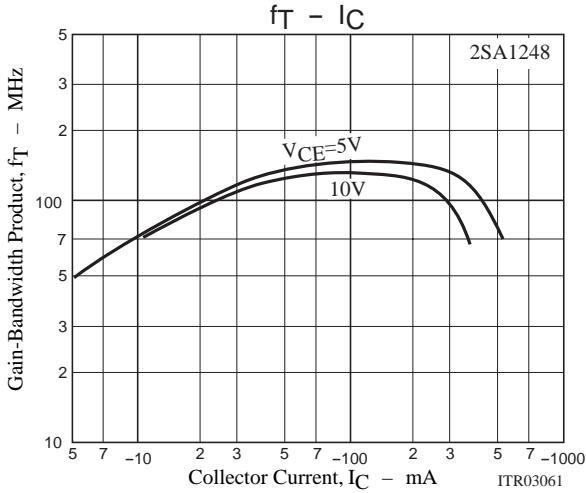
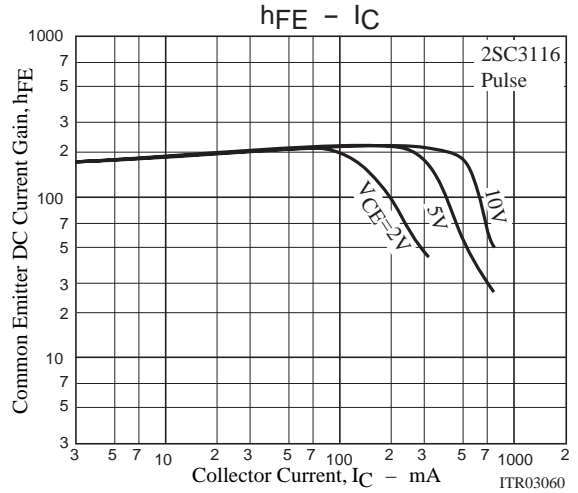
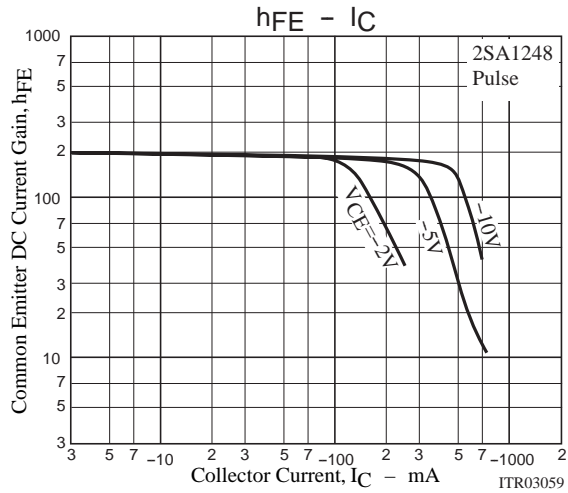
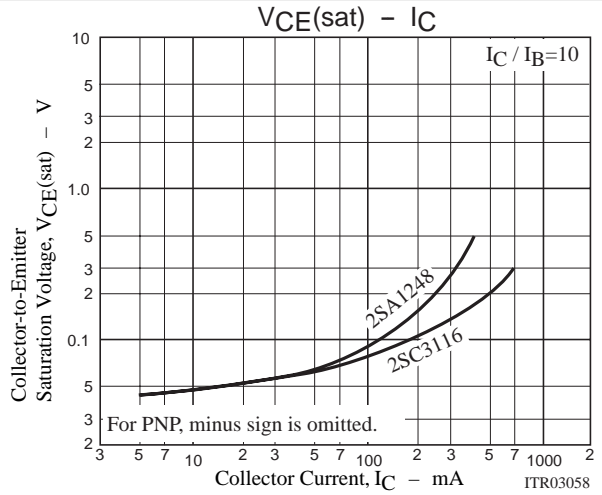
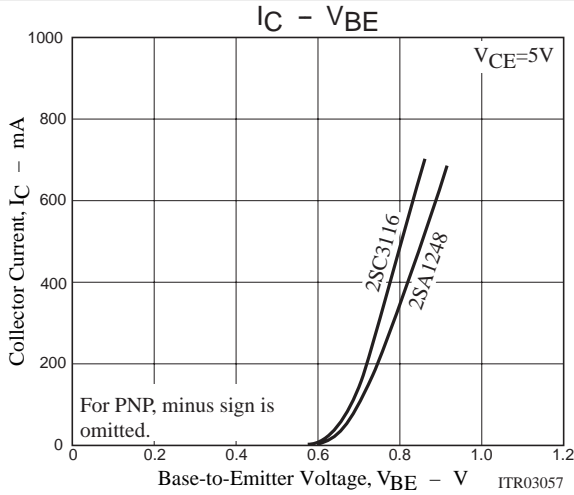
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Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Common Base Output Capacitance	$C_{ob}$	$V_{CB}=(-)10V, f=1MHz$		8 (11)		pF
Collector-to-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=(-)250mA, I_B=(-)25mA$		0.12 (-0.2)	0.4 (-0.5)	V
Base-to-Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=(-)250mA, I_B=(-)25mA$		(-0.85)	(-1.2)	V
Collector-to-Base Breakdown Voltage	$V_{(BR)CEO}$	$I_C=(-)10\mu A, I_E=0$	(-180)			V
Collector-to-Emitter Breakdown Voltage	$V_{(BR)CEO}$	$I_C=(-)1mA, R_{BE}=\infty$	(-160)			V
Emitter-to-Base Breakdown Voltage	$V_{(BR)EBO}$	$I_E=(-)10\mu A, I_C=0$	(-6)			V
Turn-ON Time	$t_{on}$	See Specified Test Circuit		(60)50		ns
Storage Time	$t_{stg}$	See Specified Test Circuit		(900) 1000		ns
Fall Time	$t_f$	See Specified Test Circuit		(60)60		ns

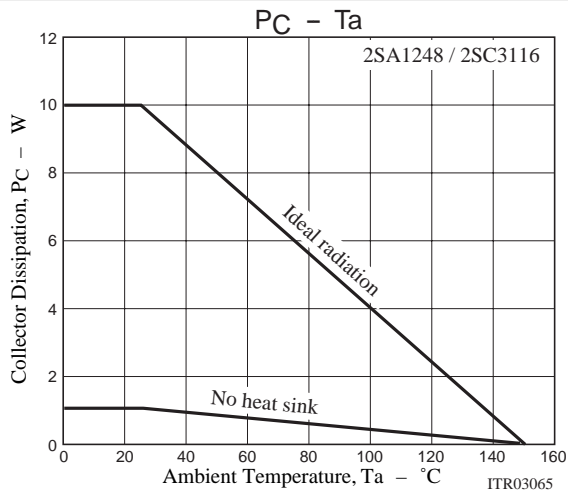
## Switching Time Test Circuit



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## 2SA1248/2SC3116



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