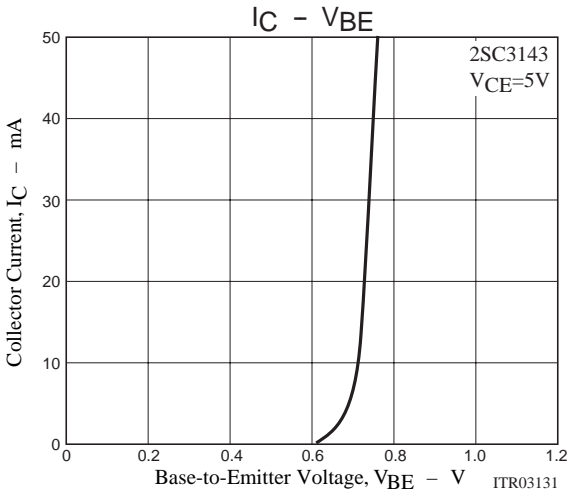
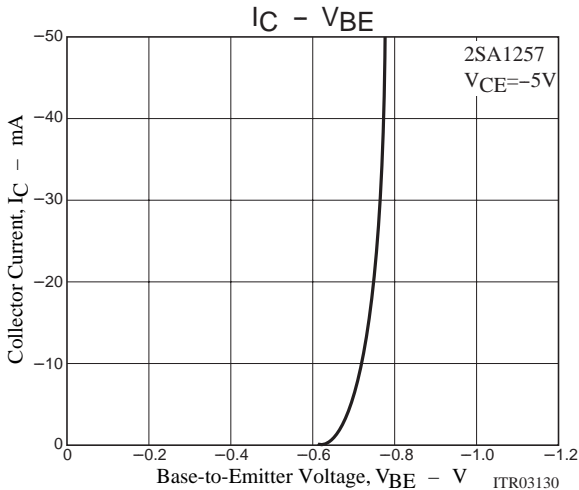
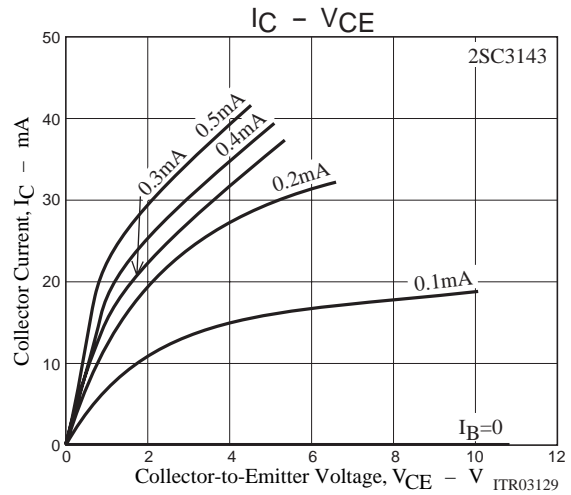
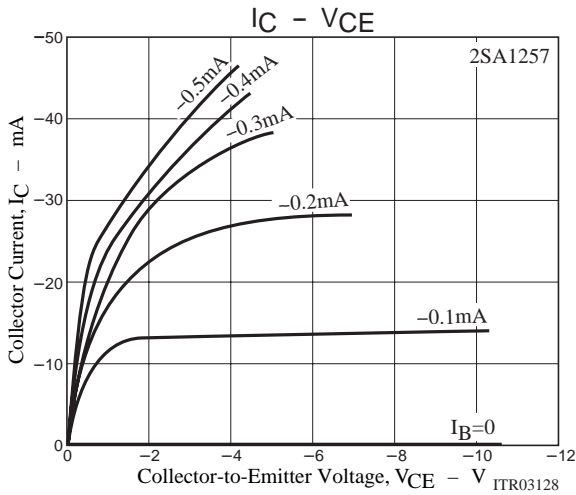
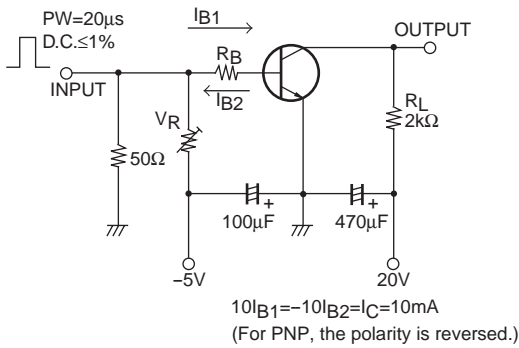


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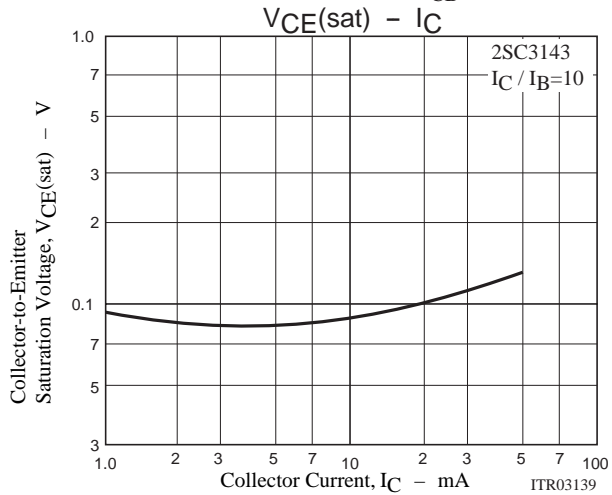
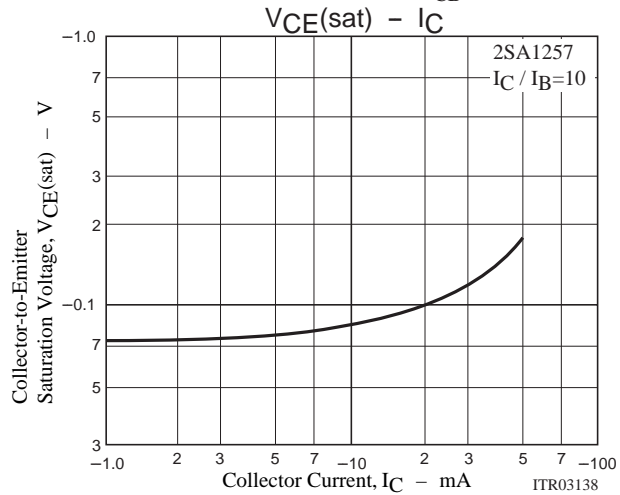
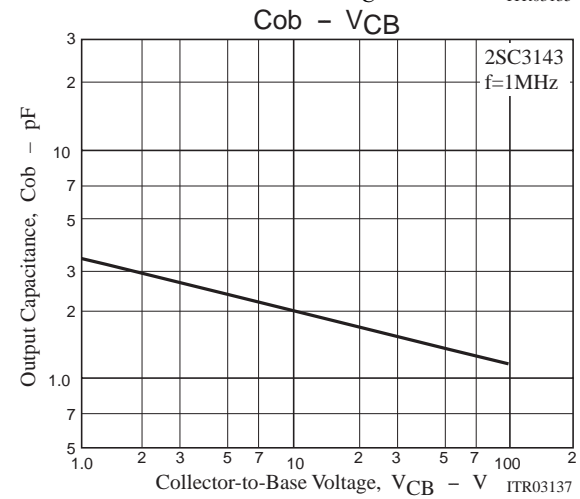
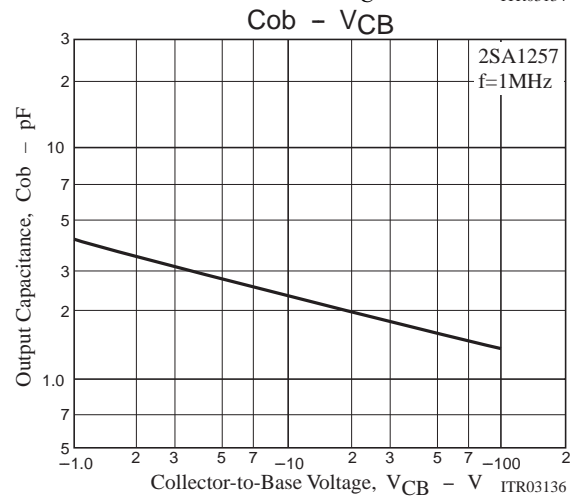
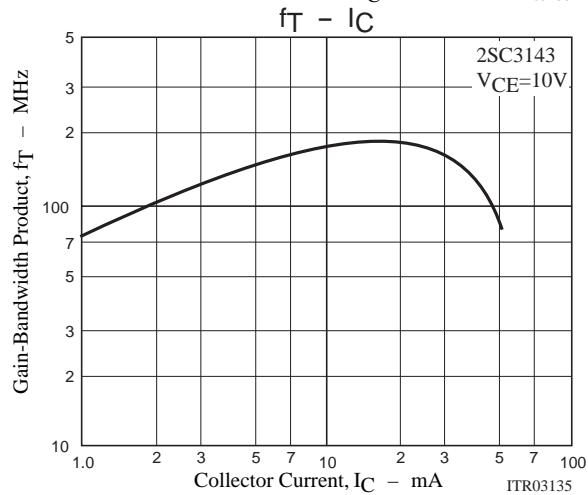
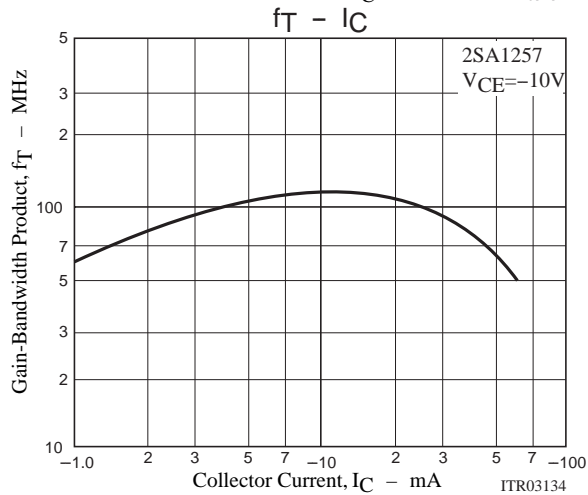
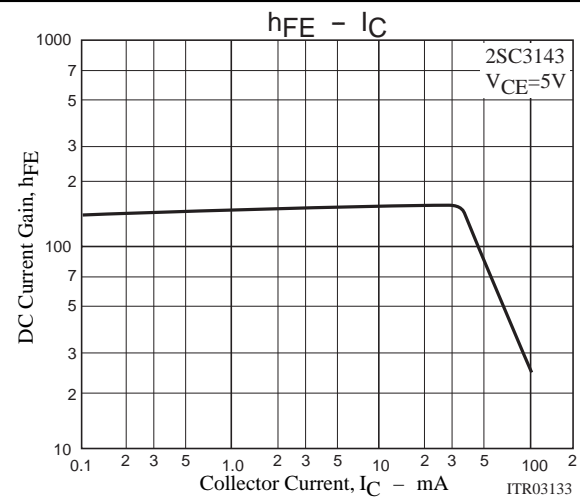
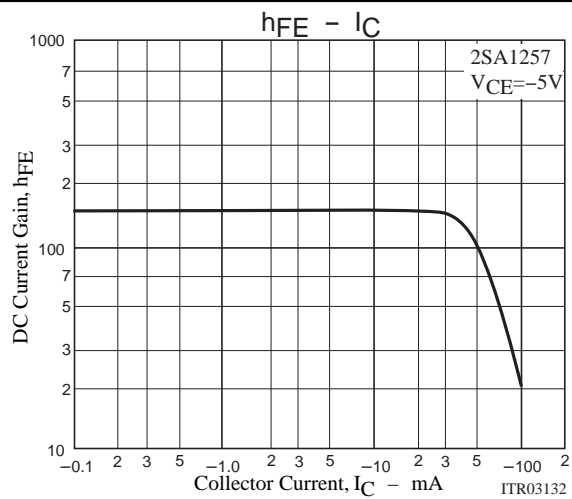
Continued from preceding page.

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Gain-Bandwidth Product	$f_T$	$V_{CE}=(-)10V, I_C=(-)10mA$		(130) 150		MHz
Output Capacitance	$C_{ob}$	$V_{CB}=(-)10V, f=1MHz$		(2.4) 2.0	(3.2) 2.8	pF
Base-to-Emitter Voltage	$V_{BE}$	$V_{CE}=(-)5V, I_C=(-)10mA$			(-)-1.5	V
Collector-to-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=(-)30mA, I_B=(-)3mA$			(-)-0.7	V
Collector-to-Base Breakdown Voltage	$V_{(BR)CBO}$	$I_C=(-)10\mu A, I_E=0$	(-)-180			V
Collector-to-Emitter Breakdown Voltage	$V_{(BR)CEO}$	$I_C=(-)1mA, R_{BE}=\infty$	(-)-160			V
Emitter-to-Base Breakdown Voltage	$V_{(BR)EBO}$	$I_E=(-)10\mu A, I_C=0$	(-)-5			V
Turn-ON Time	$t_{on}$	See specified Test Circuit		(0.15) 0.18		$\mu s$
Storage Time	$t_{stg}$	See specified Test Circuit		(0.95) 1.00		$\mu s$
Fall Time	$t_f$	See specified Test Circuit		(0.15) 0.20		$\mu s$

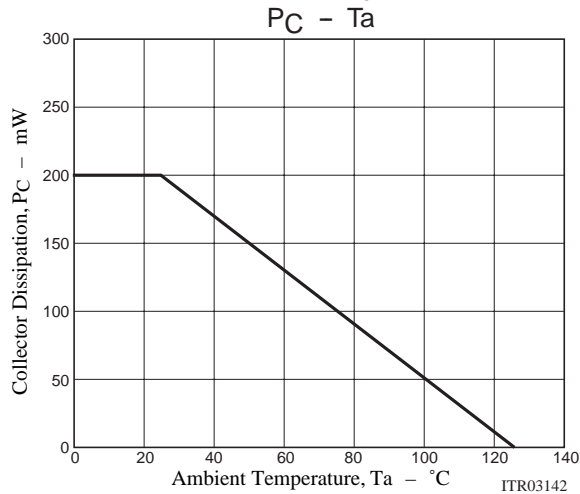
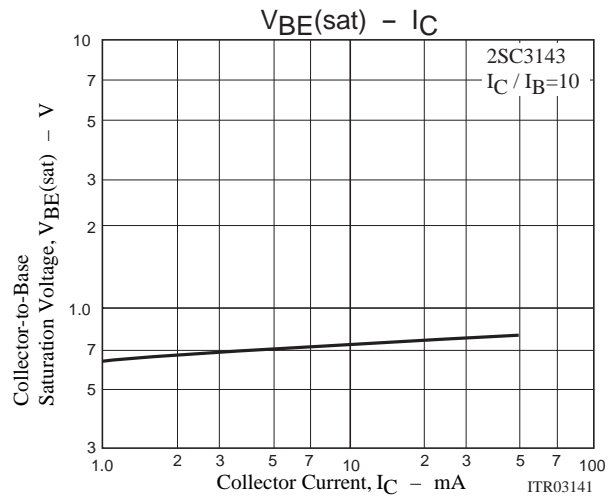
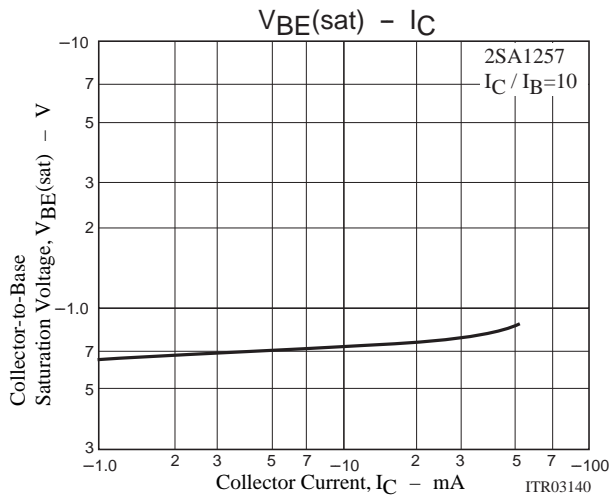
## Switching Time Test Circuit



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