

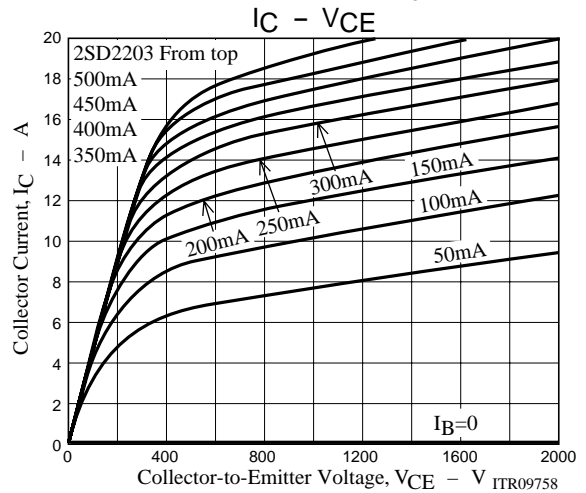
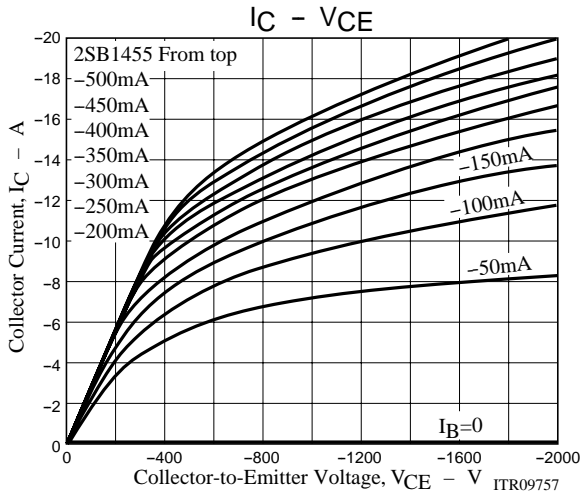
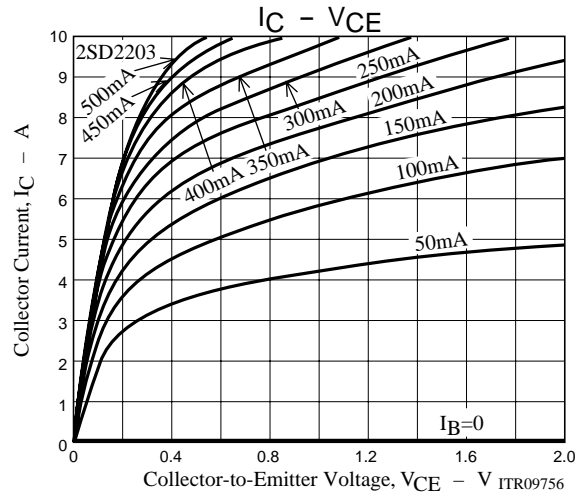
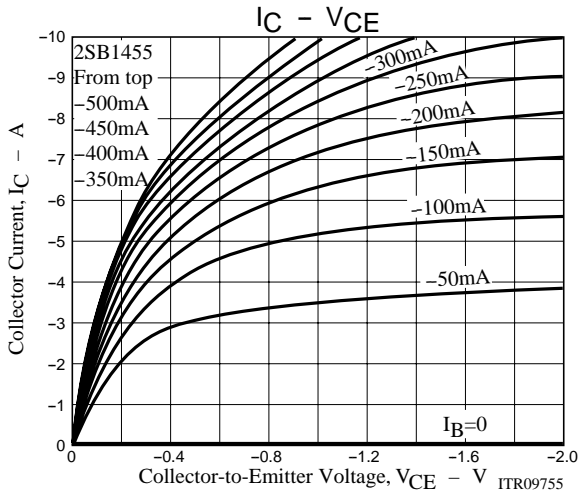
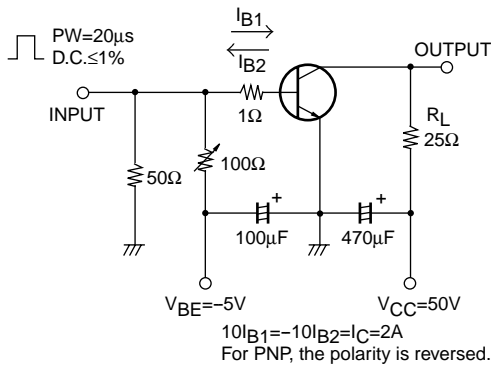


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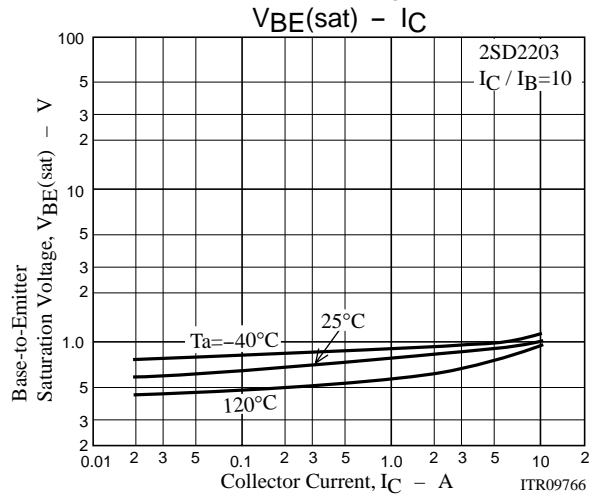
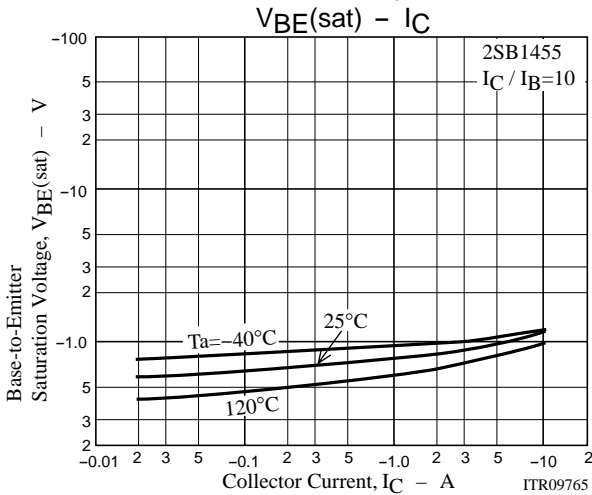
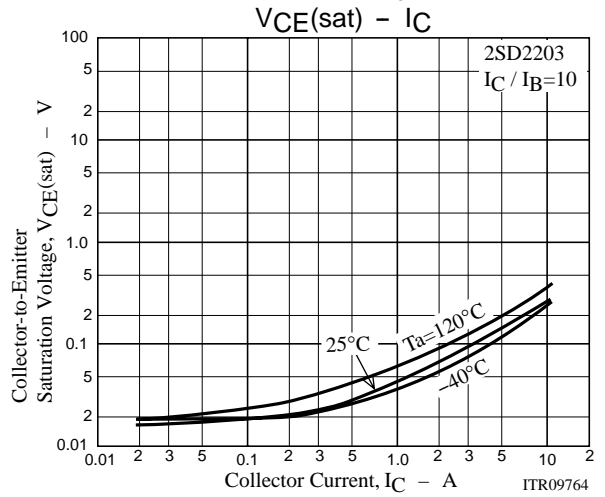
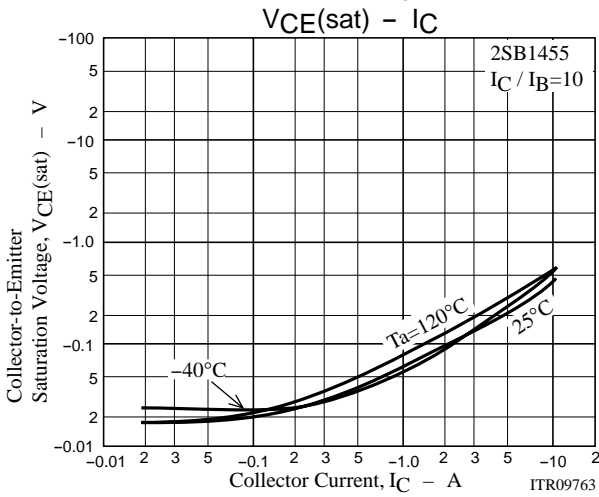
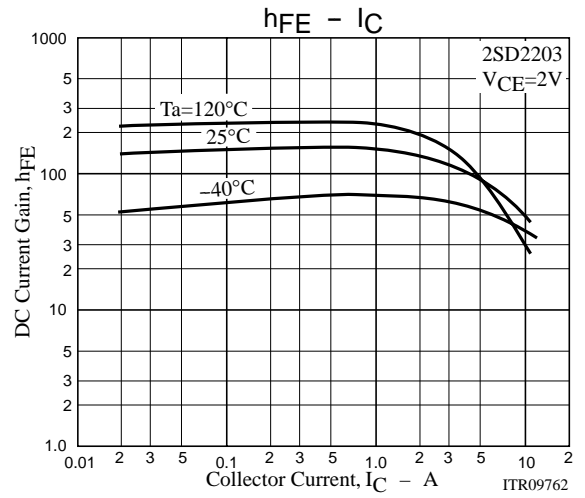
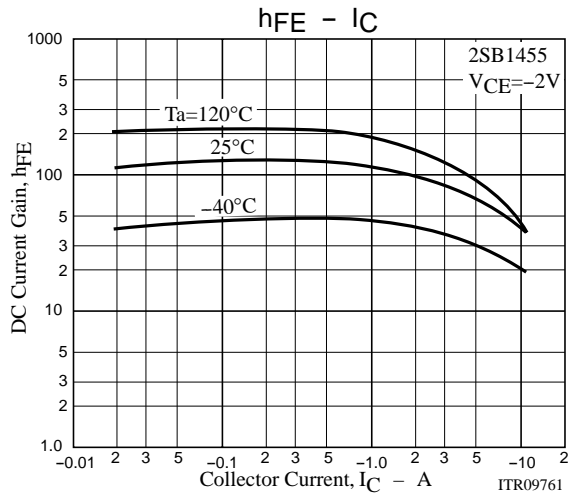
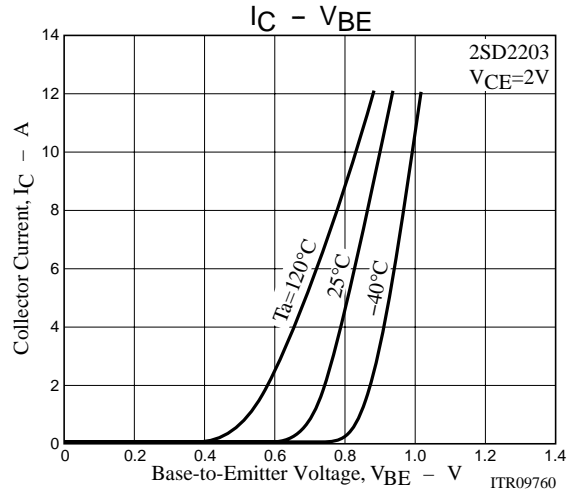
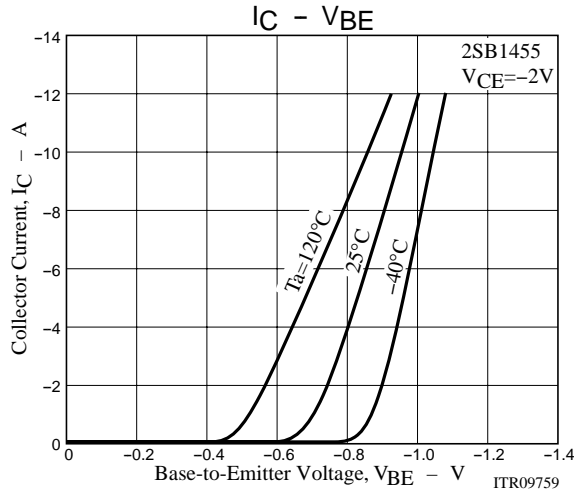
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Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Collector-to-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=(-)4A, I_B=(-)0.4A$			0.4	V
					(-0.5)	V
Collector-to-Base Breakdown Voltage	$V_{(BR)CBO}$	$I_C=(-)1mA, I_E=0$	(-)90			V
Collector-to-Emitter Breakdown Voltage	$V_{(BR)CEO}$	$I_C=(-)1mA, R_{BE}=\infty$	(-)80			V
Emitter-to-Base Breakdown Voltage	$V_{(BR)EBO}$	$I_E=(-)1mA, I_C=0$	(-)6			V
Turn-ON Time	$t_{on}$	See specified test circuit.		(0.2)		$\mu s$
					0.1	$\mu s$
Storage Time	$t_{stg}$	See specified test circuit.		(0.7)		$\mu s$
					1.6	$\mu s$
Fall Time	$t_f$	See specified test circuit.		(0.2)		$\mu s$
					0.4	$\mu s$

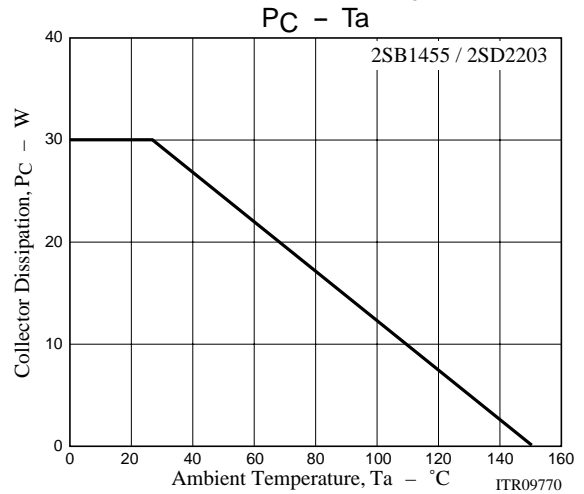
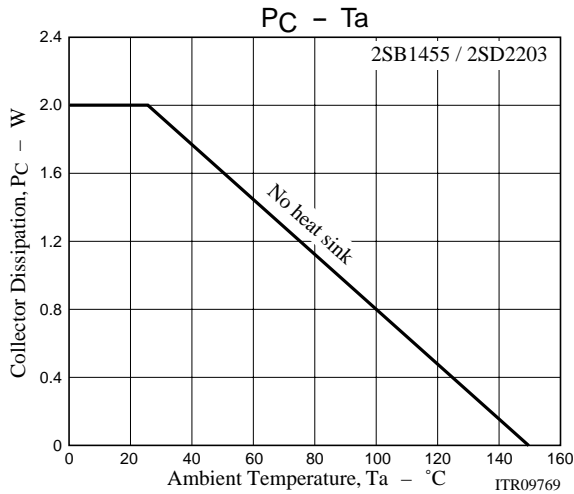
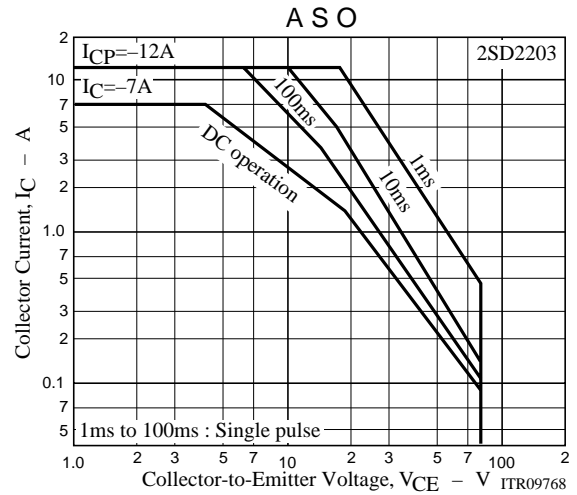
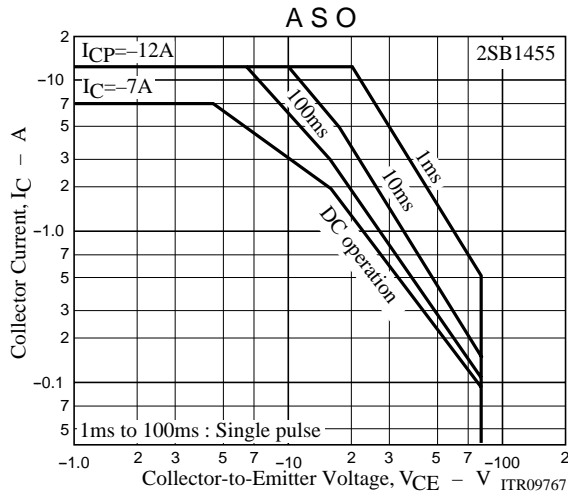
## Switching Time Test Circuit



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