

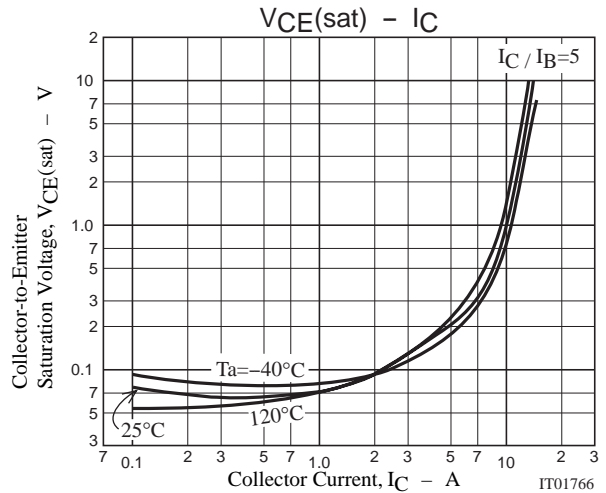
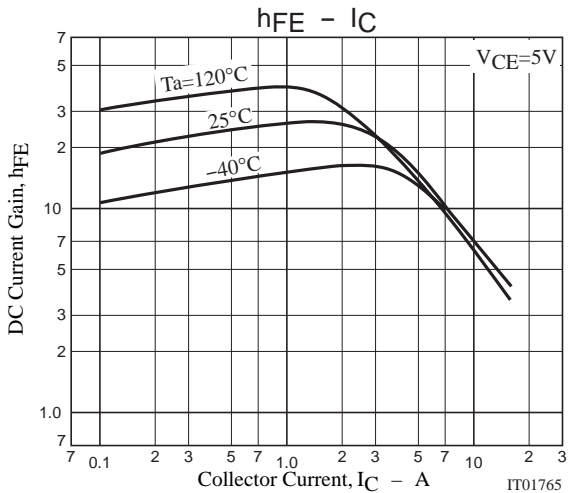
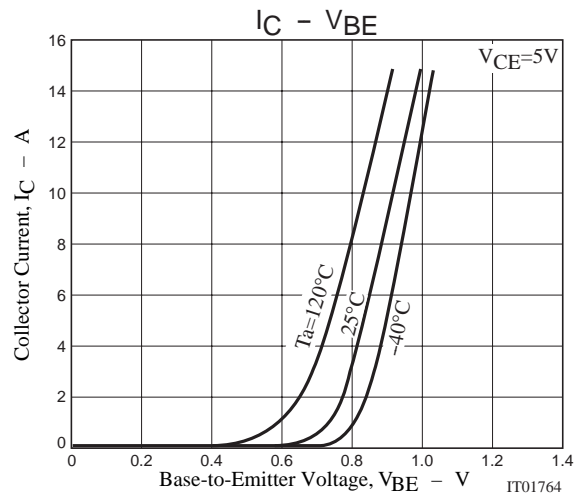
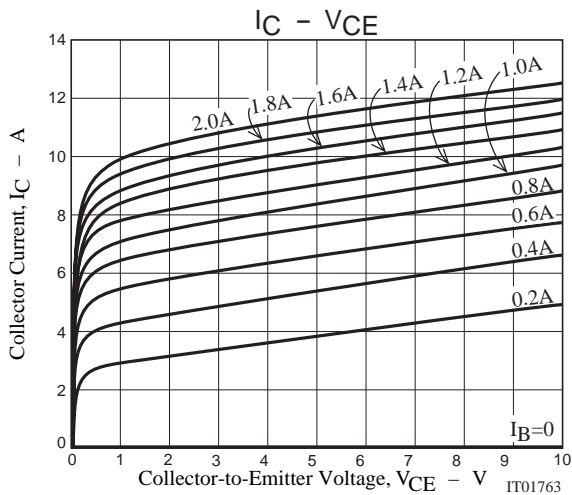
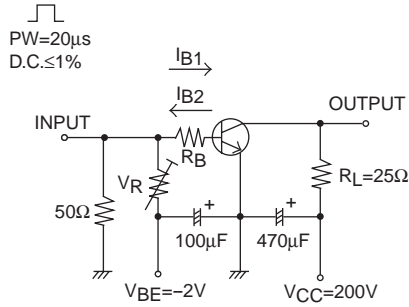


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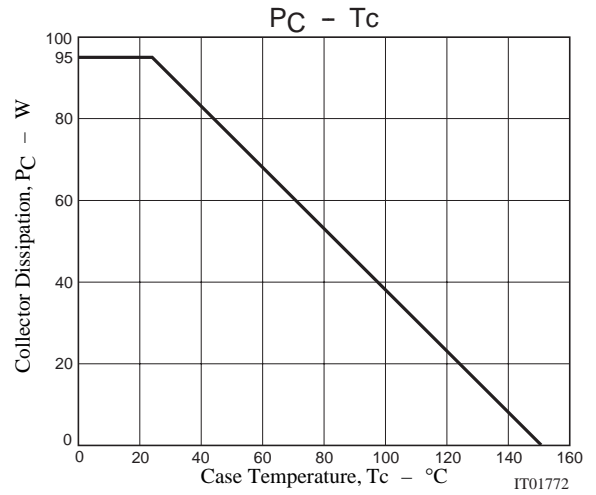
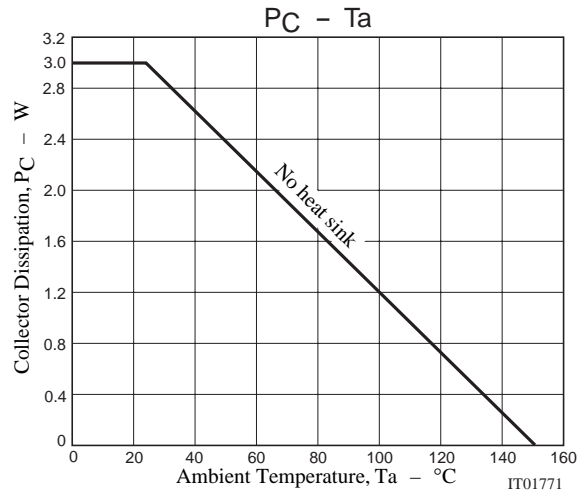
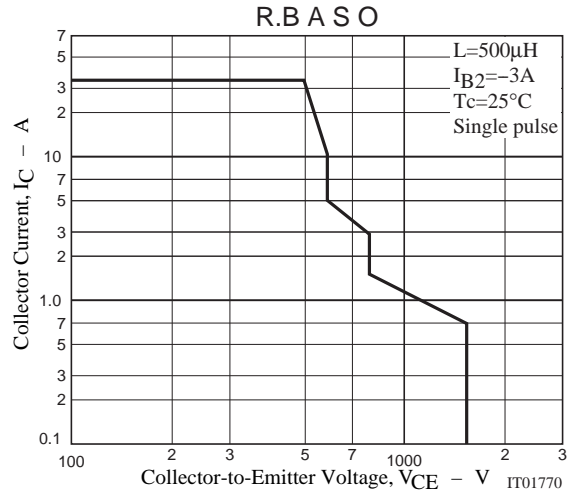
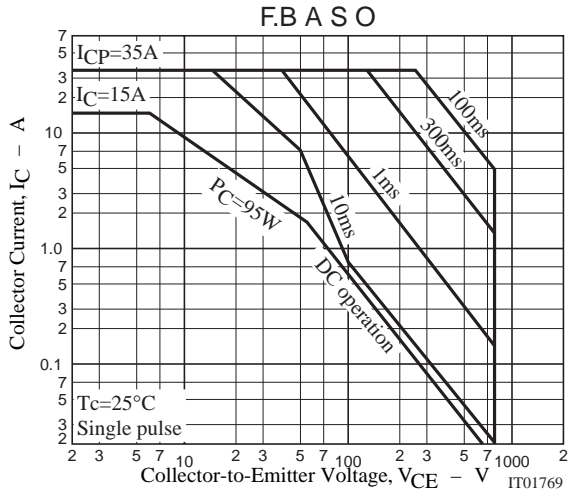
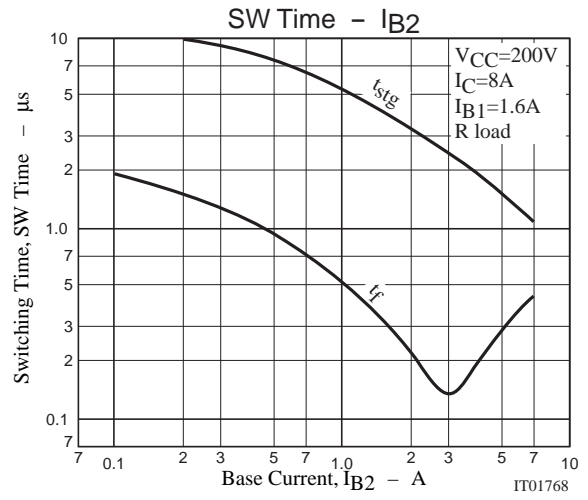
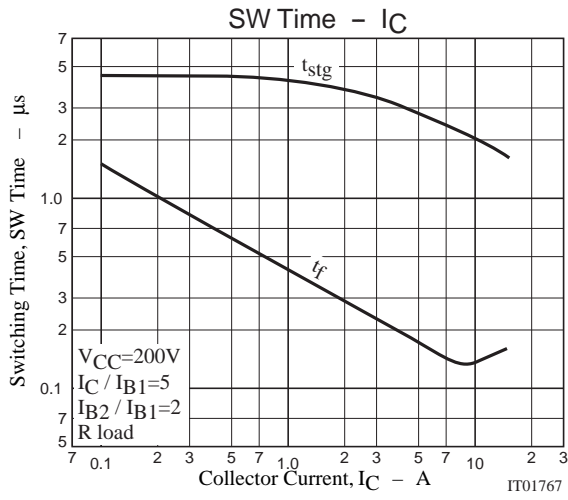
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Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Collector-to-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=12A, I_B=3A$			5	V
Base-to-Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=12A, I_B=3A$			1.5	V
Storage Time	$t_{stg}$	$I_C=8A, I_{B1}=1.6A, I_{B2}=-3.2A$			3.0	$\mu s$
Fall Time	$t_f$	$I_C=8A, I_{B1}=1.6A, I_{B2}=-3.2A$			0.2	$\mu s$

## Switching Time Test Circuit



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