

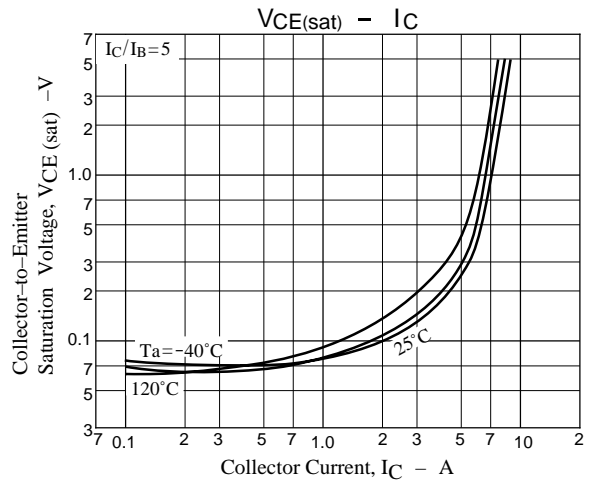
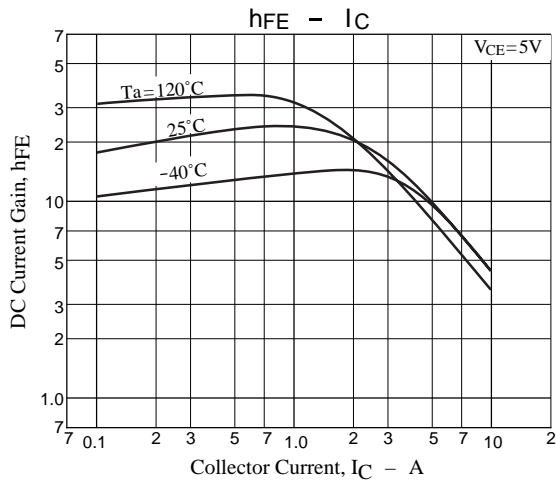
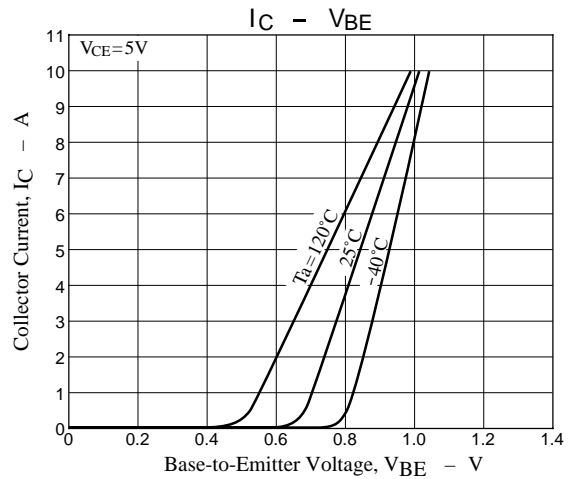
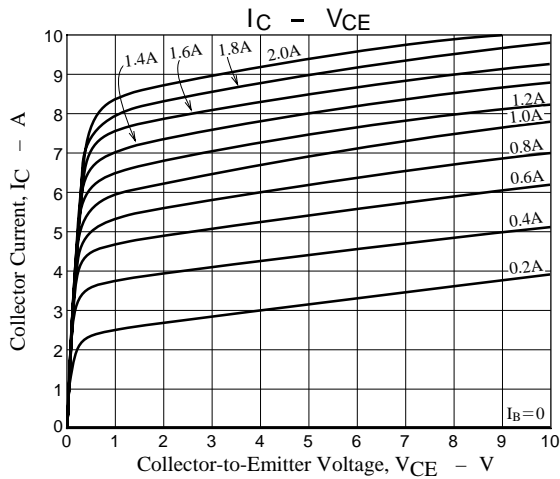
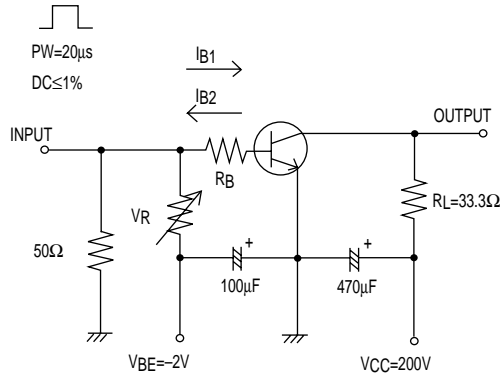


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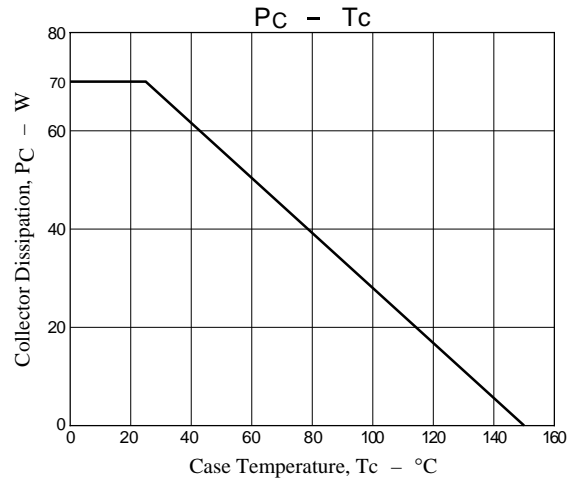
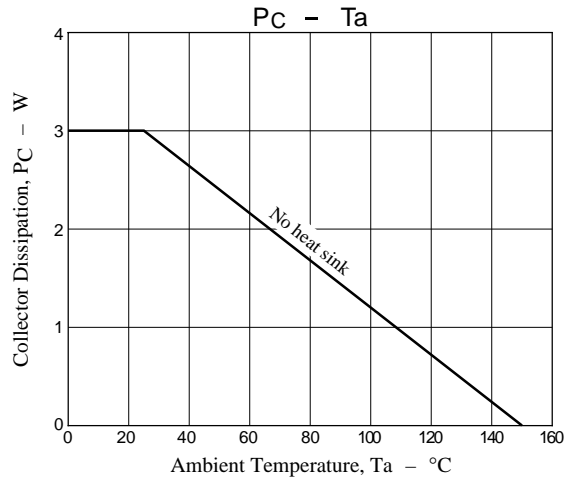
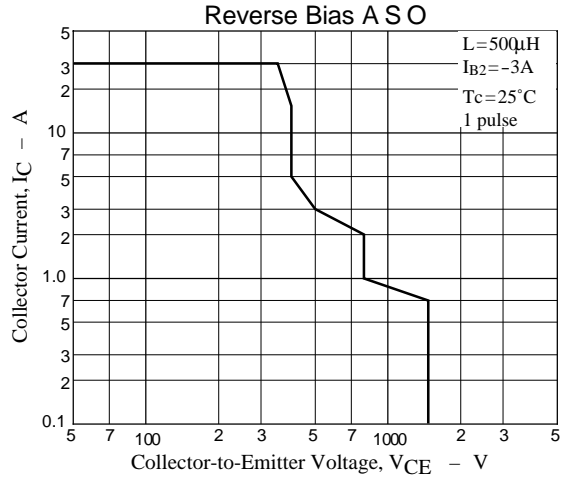
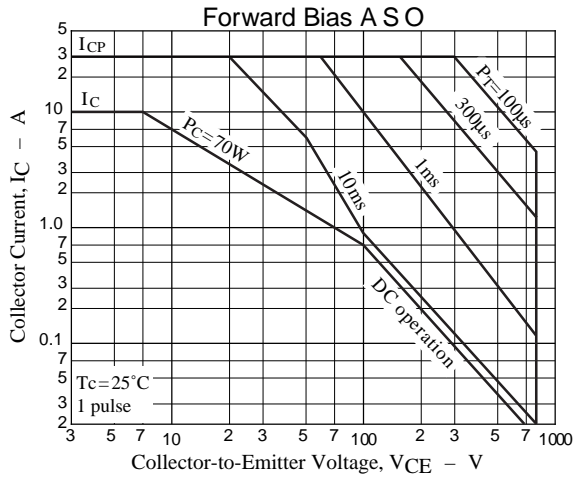
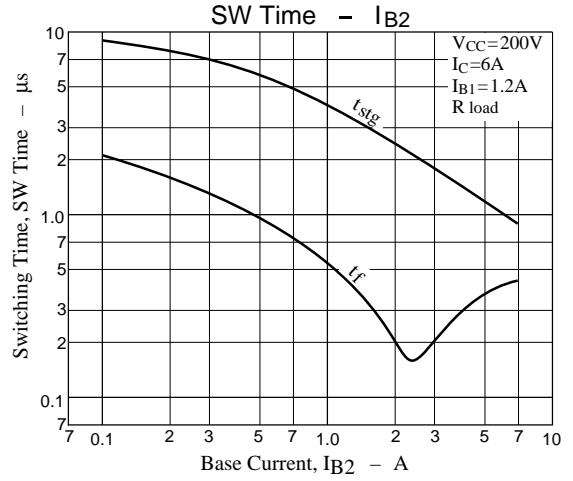
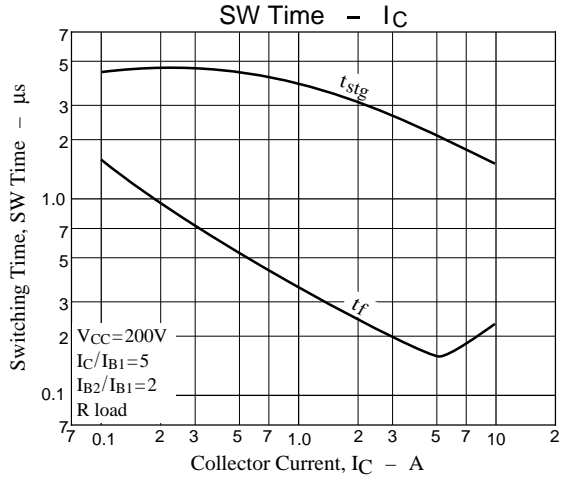
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Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Collector-to-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=8A, I_B=1.6A$			5	V
Base-to-Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=8A, I_B=1.6A$			1.5	V
DC Current Gain	$h_{FE1}$	$V_{CE}=5V, I_C=1A$	20		35	
	$h_{FE2}$	$V_{CE}=5V, I_C=8A$	5		8	
Fall Time	$t_f$	$I_C=6A, I_{B1}=1.2A, I_{B2}=-2.4A$			0.3	$\mu s$

## Switching Time Test Circuit



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