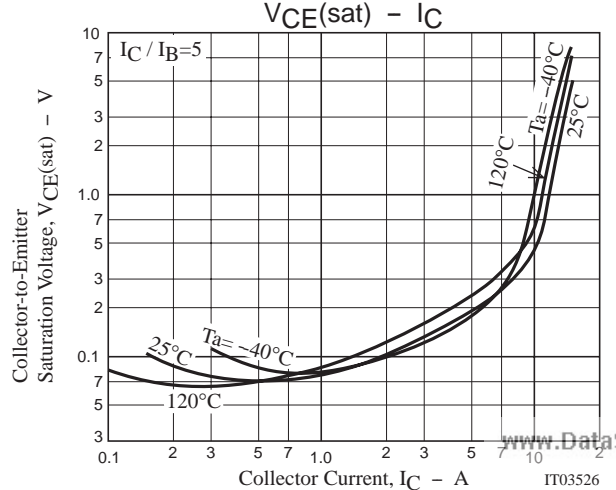
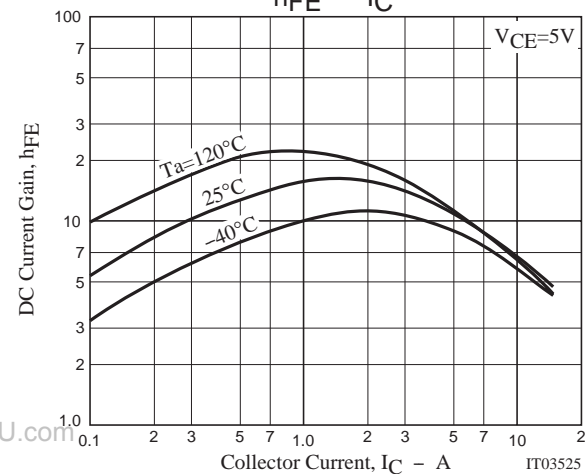
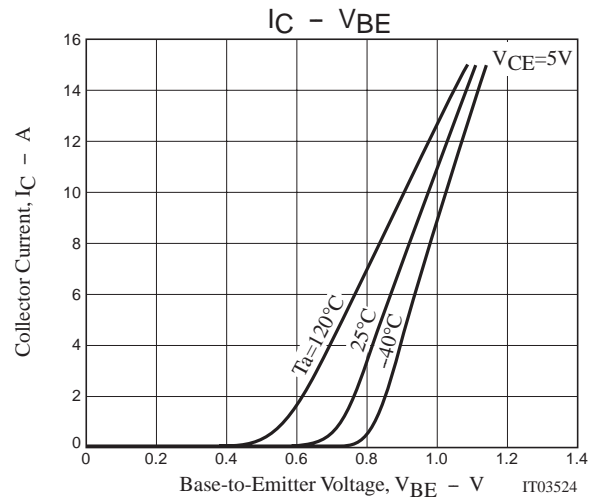
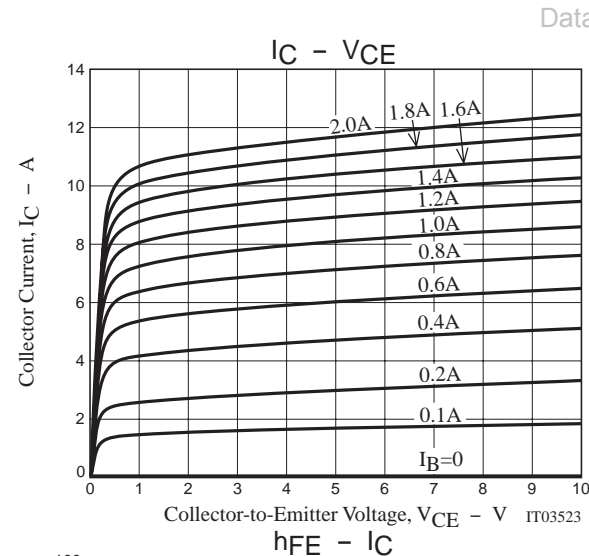
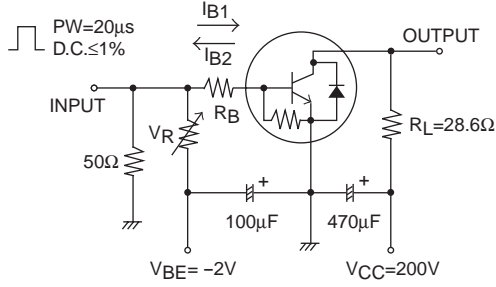


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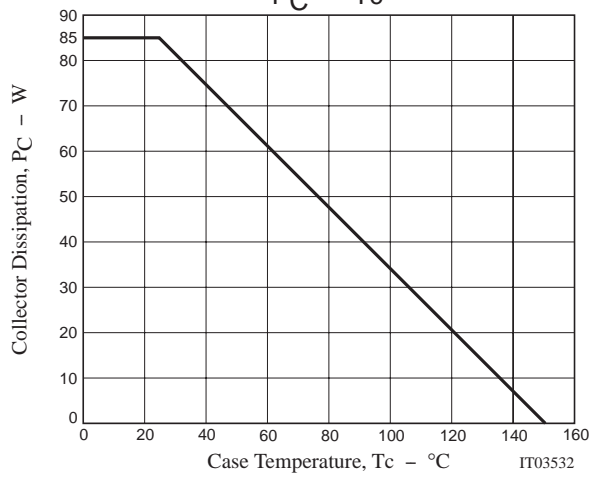
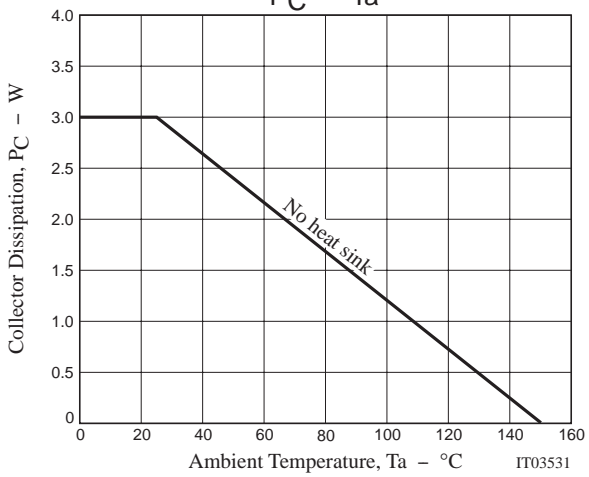
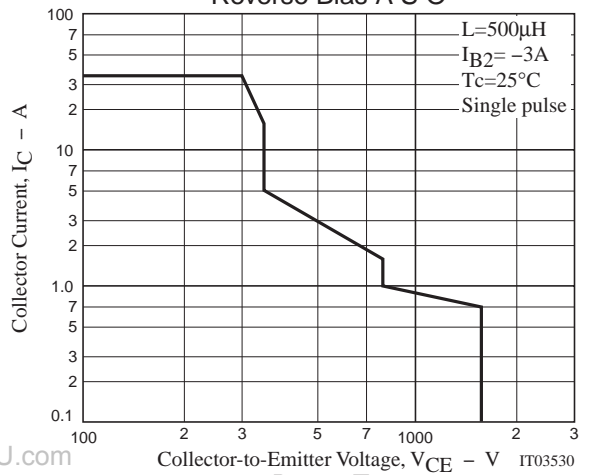
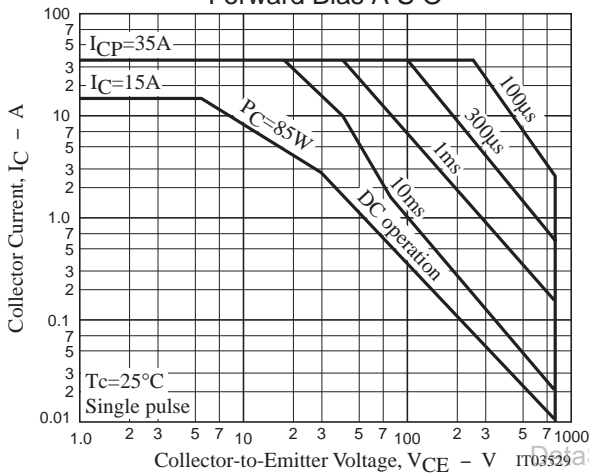
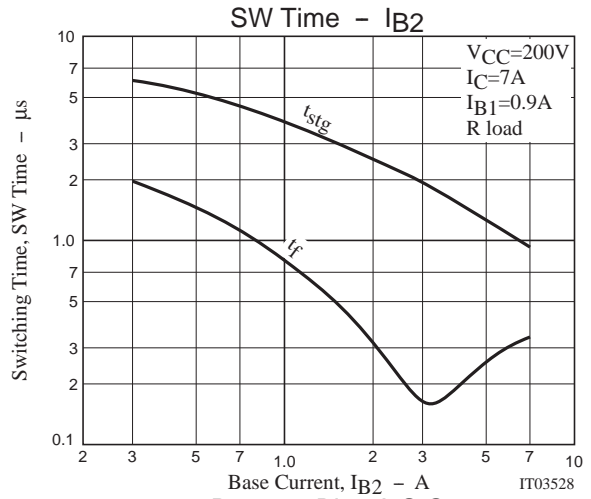
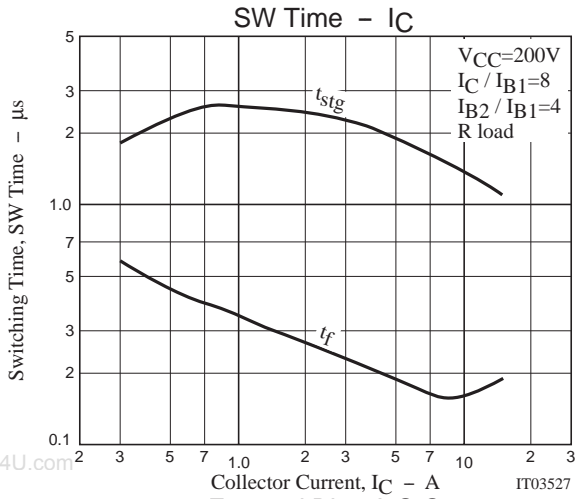
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Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
DC Current Gain	h_{FE1}	$V_{CE}=5V, I_C=1A$	8			
	h_{FE2}	$V_{CE}=5V, I_C=11A$	4		7	
Collector-to-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=10A, I_B=2.5A$			3.0	V
Base-to-Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=10A, I_B=2.5A$			1.5	V
Storage Time	t_{stg}	$I_C=7A, I_{B1}=0.9A, I_{B2}=-3.5A$			3.0	μs
Fall Time	t_f	$I_C=7A, I_{B1}=0.9A, I_{B2}=-3.5A$			0.2	μs
Diode Forward Voltage	V_F	$I_{EC}=12A$			2.2	V

Switching Time Test Circuit



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