



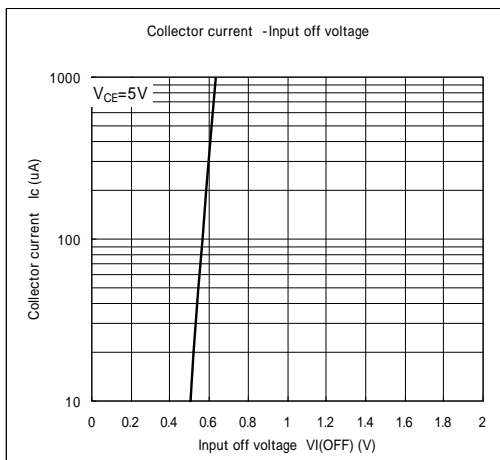
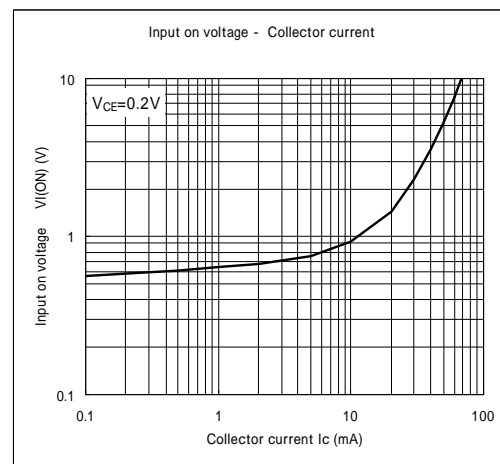
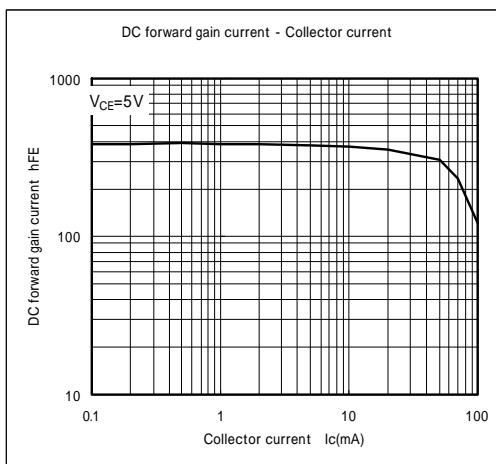
# RT3T66M

Composite Transistor With Resistor  
For Switching Application  
Silicon Epitaxial Type

## ELECTRICAL CHARACTERISTICS (Ta=25 °C)

Symbol	Parameter	Test conditions	Limits			Unit
			Min	Typ	Max	
$V_{(BR)CEO}$	Collector to Emitter break down voltage	$I_C = -100 \mu A, R_{BE} =$	50	-	-	V
$I_{CBO}$	Collector cut off current	$V_{CB} = -50V, I_E = 0$	-	-	0.1	$\mu A$
$h_{FE}$	DC forward current gain	$V_{CE} = -5V, I_C = -1mA$	100	-	-	-
$V_{CE(sat)}$	Collector to Emitter saturation voltage	$I_C = -10mA, I_B = -0.5mA$	-	0.1	0.3	V
$R_1$	Input resistor	-	3.3	4.7	6.1	k
$f_T$	Gain band width product	$V_{CE} = -6V, I_E = 10mA$	-	150	-	MHz

## TYPICAL CHARACTERISTICS





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**Keep safety first in your circuit designs!**

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