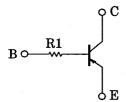
TOSHIBA Transistor Silicon PNP Epitaxial Type (PCT Process)

RN2410,RN2411

Switching, Inverter Circuit, Interface Circuit And Driver Circuit Applications

- With built-in bias resistors
- Simplify circuit design
- Reduce a quantity of parts and manufacturing process
- Complementary to RN1410, RN1411

Equivalent Circuit



Maximum Ratings (Ta = 25°C)

Characterisstic	Symbol	Rating	Unit
Collector-base voltage	V _{CBO}	-50	V
Collector-emitter voltage	V _{CEO}	-50	V
Emitter-base voltage	V _{EBO}	-5	V
Collector current	Ι _C	-100	mA
Collector power dissipation	PC	200	mW
Junction temperature	Тј	150	°C
Storage temperature range	T _{stg}	-55~150	°C

+0.5 0.25 +0.+ 0.95 2.9 ± 0.2 6.1 0.95 0~0.1 1. BASE EMITTER 2. S-MINI COLLECTOR 3. JEDEC TO-236MOD EIAJ SC-59 TOSHIBA 2-3F1A

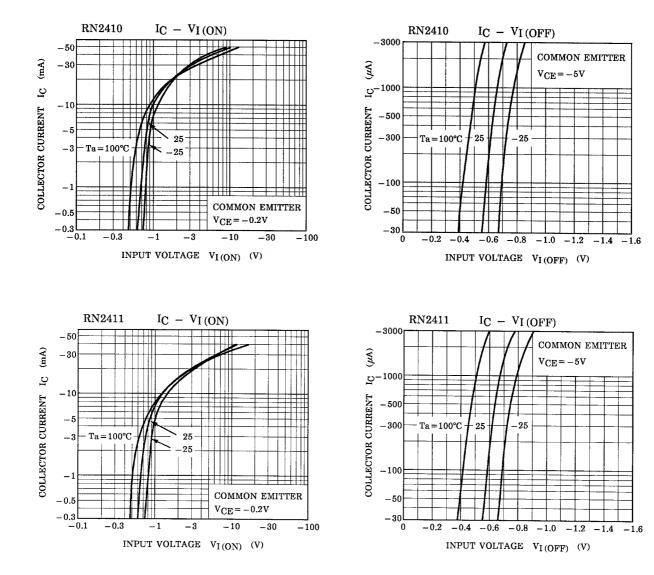
Weight: 0.012g

Electrical Characteristics (Ta = 25°C)

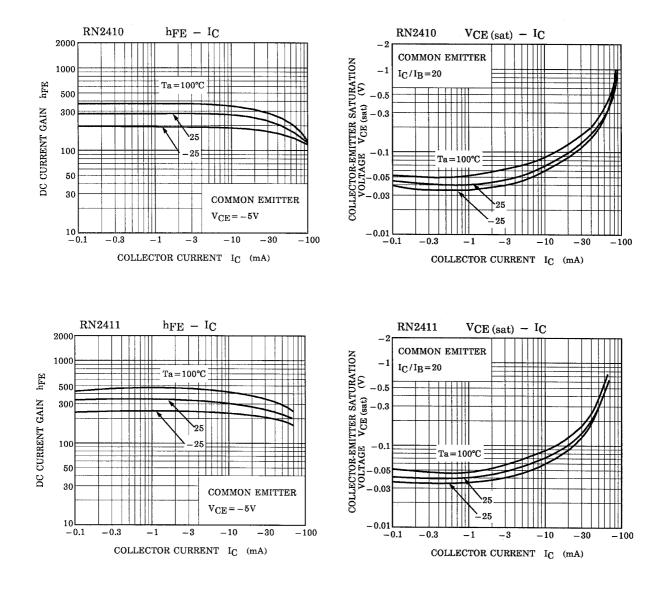
Characteristic		Symbol	Test Circuit	Test Condition	Min	Тур.	Max	Unit
Collector cut-off current		I _{CBO}	-	$V_{CB} = -50V, I_E = 0$	_	_	-100	nA
Emitter cut-off current		I _{EBO}	-	$V_{EB} = -5V, I_C = 0$	_	—	-100	nA
DC current gain		h _{FE}	-	$V_{CE} = -5V$, $I_C = -1mA$	120	—	400	—
Collector-emitter saturation voltage		V _{CE (sat)}	-	I _C = −5mA, I _B = −0.25mA	_	-0.1	-0.3	V
Translation frequency		f _T	-	$V_{CE} = -10V, I_{C} = -5mA$	_	200	_	MHz
Collector output capacitan	се	C _{ob}	_	V _{CB} = −10V, I _E = 0, f = 1MHz		3	6	pF
Input resistor	RN2410	- R1 –	_	_	3.29	4.7	6.11	kΩ
	RN2411				7	10	13	

Unit: mm

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Type Name	Marking	
RN2410	Type Name Y K	
RN2411	Type Name Y M	

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