



### **RN1605TE85LF Information**



For Reference Only

Part Number RN1605TE85LF

Manufacturer Toshiba Semiconductor and Storage Category Discrete Semiconductor Products

Transistors - Bipolar (BJT) - Arrays, Pre-Biased

**Description** TRANS 2NPN PREBIAS 0.3W SM6

Package SC-74, SOT-457

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **RN1605TE85LF Specifications**

Manufacturer Part NumberRN1605TE85LFManufacturerToshiba Semiconductor and StorageCategoryDiscrete Semiconductor ProductsPackageSC-74, SOT-457Series-Transistor Type2 NPN - Pre-Biased (Dual)Current - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)2.2kResistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 10mA, 5VVce Saturation (Max) @ Ib, Ic300mV @ 250μA, 5mACurrent - Collector Cutoff (Max)100nA (ICBO)Frequency - Transition250MHzPower - Max300mWMounting TypeSurface MountPackage / CaseSC-74, SOT-457Supplier Device PackageSM6	•	
Category  Discrete Semiconductor Products  Transistors - Bipolar (BJT) - Arrays, Pre-Biased  Package  SC-74, SOT-457  Series  - Transistor Type  2 NPN - Pre-Biased (Dual)  Current - Collector (Ic) (Max)  Voltage - Collector Emitter Breakdown (Max)  Resistor - Base (R1) (Ohms)  Resistor - Emitter Base (R2) (Ohms)  DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  300mV @ 250µA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  Power - Max  Mounting Type  Surface Mount  Package / Case  SC-74, SOT-457  Supplier Device Package  SM6	Manufacturer Part Number	RN1605TE85LF
Transistors - Bipolar (BJT) - Arrays, Pre-Biased  SC-74, SOT-457  Series  - Transistor Type  2 NPN - Pre-Biased (Dual)  Current - Collector (Ic) (Max)  Voltage - Collector Emitter Breakdown (Max)  Resistor - Base (R1) (Ohms)  2.2k  Resistor - Emitter Base (R2) (Ohms)  DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  300mV @ 250µA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  300mW  Mounting Type  Surface Mount  Package / Case  SC-74, SOT-457  Supplier Device Package	Manufacturer	Toshiba Semiconductor and Storage
PackageSC-74, SOT-457Series-Transistor Type2 NPN - Pre-Biased (Dual)Current - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)2.2kResistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 10mA, 5VVce Saturation (Max) @ Ib, Ic300mV @ 250μA, 5mACurrent - Collector Cutoff (Max)100nA (ICBO)Frequency - Transition250MHzPower - Max300mWMounting TypeSurface MountPackage / CaseSC-74, SOT-457Supplier Device PackageSM6	Category	Discrete Semiconductor Products
Series - Transistor Type 2 NPN - Pre-Biased (Dual)  Current - Collector (Ic) (Max) 100mA  Voltage - Collector Emitter Breakdown (Max) 50V  Resistor - Base (R1) (Ohms) 2.2k  Resistor - Emitter Base (R2) (Ohms) 47k  DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic 300mV @ 250μA, 5mA  Current - Collector Cutoff (Max) 100nA (ICBO)  Frequency - Transition 250MHz  Power - Max 300mW  Mounting Type Surface Mount  Package / Case SC-74, SOT-457  Supplier Device Package SM6		Transistors - Bipolar (BJT) - Arrays, Pre-Biased
Transistor Type  2 NPN - Pre-Biased (Dual)  Current - Collector (Ic) (Max)  100mA  Voltage - Collector Emitter Breakdown (Max)  Resistor - Base (R1) (Ohms)  2.2k  Resistor - Emitter Base (R2) (Ohms)  47k  DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  300mV @ 250µA, 5mA  Current - Collector Cutoff (Max)  100nA (ICBO)  Frequency - Transition  250MHz  Power - Max  300mW  Mounting Type  Surface Mount  Package / Case  SC-74, SOT-457  Supplier Device Package	Package	SC-74, SOT-457
Current - Collector (Ic) (Max)  Voltage - Collector Emitter Breakdown (Max)  Resistor - Base (R1) (Ohms)  2.2k  Resistor - Emitter Base (R2) (Ohms)  DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  300mV @ 250µA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  Power - Max  300mW  Mounting Type  Surface Mount  Package / Case  SC-74, SOT-457  Supplier Device Package	Series	-
Voltage - Collector Emitter Breakdown (Max)  Resistor - Base (R1) (Ohms)  2.2k  Resistor - Emitter Base (R2) (Ohms)  DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  300mV @ 250µA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  Power - Max  300mW  Mounting Type  Surface Mount  Package / Case  SC-74, SOT-457  Supplier Device Package  SM6	Transistor Type	2 NPN - Pre-Biased (Dual)
Resistor - Base (R1) (Ohms)  Resistor - Emitter Base (R2) (Ohms)  DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  Current - Collector Cutoff (Max)  Frequency - Transition  Power - Max  Mounting Type  Surface Mount  Package / Case  SC-74, SOT-457  Supplier Device Package	Current - Collector (Ic) (Max)	100mA
Resistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 10mA, 5VVce Saturation (Max) @ Ib, Ic300mV @ 250μA, 5mACurrent - Collector Cutoff (Max)100nA (ICBO)Frequency - Transition250MHzPower - Max300mWMounting TypeSurface MountPackage / CaseSC-74, SOT-457Supplier Device PackageSM6	Voltage - Collector Emitter Breakdown (Max)	50V
DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  300mV @ 250μA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  Power - Max  300mW  Mounting Type  Surface Mount  Package / Case  SC-74, SOT-457  Supplier Device Package	Resistor - Base (R1) (Ohms)	2.2k
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Current - Collector Cutoff (Max)  Frequency - Transition  Power - Max  Mounting Type  Surface Mount  Package / Case  SC-74, SOT-457  Supplier Device Package  SM6	DC Current Gain (hFE) (Min) @ Ic, Vce	80 @ 10mA, 5V
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Package / Case SC-74, SOT-457 Supplier Device Package SM6	Power - Max	300mW
Supplier Device Package SM6	Mounting Type	Surface Mount
	Package / Case	SC-74, SOT-457
Report errors?	Supplier Device Package	SM6
		Report errors?

#### **RN1605TE85LF Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **RN1605TE85LF Payment Methods**



















### **RN1605TE85LF Shipping Methods**













If you have any question about RN1605TE85LF, please do not hesitate to contact us!

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