



DTC144TET1G Information



For Reference Only

Part Number DTC144TET1G

Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

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

Description TRANS PREBIAS NPN 0.2W SC75

Package SC-75, SOT-416

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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DTC144TET1G Specifications

Manufacturer Part NumberDTC144TET1GManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsPackageSC-75, SOT-416Series-Transistor TypeNPN - Pre-BiasedCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)47kResistor - Emitter Base (R2) (Ohms)-DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic250mV @ 1mA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition-Power - Max200mWMounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75Keport errors?	*	
Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single, Pre-Biased Sc-75, SOT-416 Series - Transistor Type NPN - Pre-Biased 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 120 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 1mA, 10mA Current - Collector Cutoff (Max) Frequency - Transition - Power - Max Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package	Manufacturer Part Number	DTC144TET1G
Transistors - Bipolar (BJT) - Single, Pre-Biased Scries Scries - Transistor Type NPN - Pre-Biased Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) Ark Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 120 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition Power - Max Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package	Manufacturer	ON Semiconductor
Package SC-75, SOT-416 Series - Transistor Type NPN - Pre-Biased Current - Collector (Ic) (Max) 100mA Voltage - Collector Emitter Breakdown (Max) 50V Resistor - Base (R1) (Ohms) 47k Resistor - Emitter Base (R2) (Ohms) - DC Current Gain (hFE) (Min) @ Ic, Vce 120 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 1mA, 10mA Current - Collector Cutoff (Max) 500nA Frequency - Transition - Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package SC-75	Category	Discrete Semiconductor Products
Series - NPN - Pre-Biased Current - Collector (Ic) (Max) 100mA Voltage - Collector Emitter Breakdown (Max) 50V Resistor - Base (R1) (Ohms) 47k Resistor - Emitter Base (R2) (Ohms) - DC Current Gain (hFE) (Min) @ Ic, Vce 120 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 1mA, 10mA Current - Collector Cutoff (Max) 500nA Frequency - Transition - Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package		Transistors - Bipolar (BJT) - Single, Pre-Biased
Transistor Type 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 Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition Power - Max Mounting Type Surface Mount Package / Case Supplier Device Package NPN - Pre-Biased 100mA 100mA 47k 47k - 120 @ 5mA, 10V 250mV @ 1mA, 10mA 500nA 500nA 500nA Surface Mount Surface Mount Surface Mount SC-75, SOT-416 Supplier Device Package	Package	SC-75, SOT-416
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 120 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition Power - Max Mounting Type Surface Mount Package / Case Supplier Device Package 100mA 100mA 100mA 100m 100mA 100m 100	Series	-
Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) 47k Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 120 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 1mA, 10mA Current - Collector Cutoff (Max) Frequency - Transition Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package	Transistor Type	NPN - Pre-Biased
Resistor - Base (R1) (Ohms) Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 120 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 1mA, 10mA Current - Collector Cutoff (Max) Frequency - Transition Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package	Current - Collector (Ic) (Max)	100mA
Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 120 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 1mA, 10mA Current - Collector Cutoff (Max) Frequency - Transition - Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package	Voltage - Collector Emitter Breakdown (Max)	50V
DC Current Gain (hFE) (Min) @ Ic, Vce 120 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 1mA, 10mA Current - Collector Cutoff (Max) Frequency - Transition - Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package	Resistor - Base (R1) (Ohms)	47k
Vce Saturation (Max) @ Ib, Ic250mV @ 1mA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition-Power - Max200mWMounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75	Resistor - Emitter Base (R2) (Ohms)	-
Current - Collector Cutoff (Max) Frequency - Transition Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package	DC Current Gain (hFE) (Min) @ Ic, Vce	120 @ 5mA, 10V
Frequency - Transition - Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package SC-75	Vce Saturation (Max) @ Ib, Ic	250mV @ 1mA, 10mA
Power - Max Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package SC-75	Current - Collector Cutoff (Max)	500nA
Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package SC-75	Frequency - Transition	-
Package / Case SC-75, SOT-416 Supplier Device Package SC-75	Power - Max	200mW
Supplier Device Package SC-75	Mounting Type	Surface Mount
	Package / Case	SC-75, SOT-416
Report errors?	Supplier Device Package	SC-75
		Report errors?

DTC144TET1G 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.

DTC144TET1G Payment Methods





















DTC144TET1G Shipping Methods













If you have any question about DTC144TET1G, please do not hesitate to contact us!

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