



DTC643TKT146 Information



For Reference Only

Part Number DTC643TKT146

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

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

Description TRANS PREBIAS NPN 200MW SMT3

Package TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

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DTC643TKT146 Specifications

Manufacturer Part Number Manufacturer Rohm Semiconductor Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single, Pre-Biased Package TO-236-3, SC-59, SOT-23-3 Series - Transistor Type NPN - Pre-Biased Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) At 7k Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce Vee Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition Power - Max Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	•	
Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single, Pre-Biased Package TO-236-3, SC-59, SOT-23-3 Series - Transistor Type NPN - Pre-Biased Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) A-7k 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 Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single, Pre-Biased To-236-3, SC-59, SOT-23-3 TO-236-3, SOT-24-4 TO-236-3, SOT-24-4 TO-236-3, SOT-24-4 TO-236-3, SOT-24-4 TO-236-3, SOT-24	Manufacturer Part Number	DTC643TKT146
Transistors - Bipolar (BJT) - Single, Pre-Biased Package TO-236-3, SC-59, SOT-23-3 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 Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition Power - Max Mounting Type Surface Mount	Manufacturer	Rohm Semiconductor
Package Series - Transistor Type NPN - Pre-Biased Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) At Vice Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Power - Max Mounting Type To-236-3, SC-59, SOT-23-3 - TO T	Category	Discrete Semiconductor Products
Series - NPN - Pre-Biased Current - Collector (Ic) (Max) 600mA Voltage - Collector Emitter Breakdown (Max) 20V Resistor - Base (R1) (Ohms) 4.7k Resistor - Emitter Base (R2) (Ohms) - DC Current Gain (hFE) (Min) @ Ic, Vce 820 @ 50mA, 5V Vce Saturation (Max) @ Ib, Ic 150mV @ 2.5mA, 50mA Current - Collector Cutoff (Max) 500nA (ICBO) Frequency - Transition 150MHz Power - Max 200mW Mounting Type Surface Mount		Transistors - Bipolar (BJT) - Single, Pre-Biased
Transistor Type Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) Current Gain (hFE) (Min) @ Ic, Vce Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition Power - Max Mounting Type NPN - Pre-Biased 600mA 20V 4.7k 820 W 4.7k 820 @ 50mA, 5V 150mV @ 2.5mA, 50mA 500nA (ICBO) Frequency - Transition 150MHz 200mW Surface Mount	Package	TO-236-3, SC-59, SOT-23-3
Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) 4.7k 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 600mA 600mA	Series	-
Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) 4.7k Resistor - Emitter Base (R2) (Ohms)	Transistor Type	NPN - Pre-Biased
Resistor - Base (R1) (Ohms) Resistor - Emitter Base (R2) (Ohms)	Current - Collector (Ic) (Max)	600mA
Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 820 @ 50mA, 5V Vce Saturation (Max) @ Ib, Ic 150mV @ 2.5mA, 50mA Current - Collector Cutoff (Max) 500nA (ICBO) Frequency - Transition 150MHz Power - Max 200mW Mounting Type Surface Mount	Voltage - Collector Emitter Breakdown (Max)	20V
DC Current Gain (hFE) (Min) @ Ic, Vce 820 @ 50mA, 5V Vce Saturation (Max) @ Ib, Ic 150mV @ 2.5mA, 50mA Current - Collector Cutoff (Max) 500nA (ICBO) Frequency - Transition 150MHz Power - Max 200mW Mounting Type Surface Mount	Resistor - Base (R1) (Ohms)	4.7k
Vce Saturation (Max) @ Ib, Ic150mV @ 2.5mA, 50mACurrent - Collector Cutoff (Max)500nA (ICBO)Frequency - Transition150MHzPower - Max200mWMounting TypeSurface Mount	Resistor - Emitter Base (R2) (Ohms)	-
Current - Collector Cutoff (Max)500nA (ICBO)Frequency - Transition150MHzPower - Max200mWMounting TypeSurface Mount	DC Current Gain (hFE) (Min) @ Ic, Vce	820 @ 50mA, 5V
Frequency - Transition 150MHz Power - Max 200mW Mounting Type Surface Mount	Vce Saturation (Max) @ Ib, Ic	150mV @ 2.5mA, 50mA
Power - Max 200mW Mounting Type Surface Mount	Current - Collector Cutoff (Max)	500nA (ICBO)
Mounting Type Surface Mount	Frequency - Transition	150MHz
	Power - Max	200mW
Package / Case TO-236-3, SC-59, SOT-23-3	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Supplier Device Package SMT3	Supplier Device Package	SMT3
Report errors?		Report errors?

DTC643TKT146 Guarantees



Quality Guarantees

We provide 90 days warranty. *

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Service Guarantees

We guarantee 100% customer satisfaction.

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

DTC643TKT146 Payment Methods





















DTC643TKT146 Shipping Methods













If you have any question about DTC643TKT146, please do not hesitate to contact us!

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