



UNRF2A300A Information



For Reference Only

Part Number UNRF2A300A

Manufacturer Panasonic Electronic Components
Category Discrete Semiconductor Products

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

Description TRANS PREBIAS NPN 100MW ML3-N2

Package SC-101, SOT-883

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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UNRF2A300A Specifications

Manufacturer Part NumberUNRF2A300AManufacturerPanasonic Electronic ComponentsCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - Single, Pre-BiasedPackageSC-101, SOT-883Series-Transistor TypeNPN - Pre-BiasedCurrent - Collector (Ic) (Max)80mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)47kResistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic250mV @ 300μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition150MHzPower - Max100mWMounting TypeSurface MountPackage / CaseSC-101, SOT-883	•	
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - Single, Pre-BiasedPackageSC-101, SOT-883Series-Transistor TypeNPN - Pre-BiasedCurrent - Collector (Ic) (Max)80mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)47kResistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic250mV @ 300μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition150MHzPower - Max100mWMounting TypeSurface Mount	Manufacturer Part Number	UNRF2A300A
Transistors - Bipolar (BJT) - Single, Pre-Biased SC-101, SOT-883 Series - Transistor Type NPN - Pre-Biased Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) 47k Resistor - Emitter Base (R2) (Ohms) 47k DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 300μA, 10mA Current - Collector Cutoff (Max) Frequency - Transition 150MHz Power - Max Mounting Type Surface Mount	Manufacturer	Panasonic Electronic Components
PackageSC-101, SOT-883Series-Transistor TypeNPN - Pre-BiasedCurrent - Collector (Ic) (Max)80mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)47kResistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic250mV @ 300μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition150MHzPower - Max100mWMounting TypeSurface Mount	Category	Discrete Semiconductor Products
Series Transistor Type NPN - Pre-Biased Current - Collector (Ic) (Max) 80mA Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) 47k Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 300μA, 10mA Current - Collector Cutoff (Max) Frequency - Transition 150MHz Power - Max 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) 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 NPN - Pre-Biased 80mA 47k 47k 47k 80 @ 5mA, 10V 250mV @ 300µA, 10mA 500nA Frequency - Transition 150MHz 100mW Surface Mount	Package	SC-101, SOT-883
Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) 47k Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition Frequency - Transition Power - Max Mounting Type 80mA 47k 80mA 47k 80 @ 5mA, 10V 250mV @ 300µA, 10mA 500nA Frequency - Transition 150MHz Surface Mount	Series	-
Voltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)47kResistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic250mV @ 300μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition150MHzPower - Max100mWMounting TypeSurface Mount	Transistor Type	NPN - Pre-Biased
Resistor - Base (R1) (Ohms) Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition 150MHz Power - Max 100mW Mounting Type Surface Mount	Current - Collector (Ic) (Max)	80mA
Resistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic250mV @ 300μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition150MHzPower - Max100mWMounting TypeSurface Mount	Voltage - Collector Emitter Breakdown (Max)	50V
DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition 150MHz Power - Max 100mW Mounting Type Surface Mount	Resistor - Base (R1) (Ohms)	47k
Vce Saturation (Max) @ Ib, Ic250mV @ 300μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition150MHzPower - Max100mWMounting TypeSurface Mount	Resistor - Emitter Base (R2) (Ohms)	47k
Current - Collector Cutoff (Max) 500nA Frequency - Transition 150MHz Power - Max 100mW Mounting Type Surface Mount	DC Current Gain (hFE) (Min) @ Ic, Vce	80 @ 5mA, 10V
Frequency - Transition 150MHz Power - Max 100mW Mounting Type Surface Mount	Vce Saturation (Max) @ Ib, Ic	250mV @ 300μA, 10mA
Power - Max 100mW Mounting Type Surface Mount	Current - Collector Cutoff (Max)	500nA
Mounting Type Surface Mount	Frequency - Transition	150MHz
C 71	Power - Max	100mW
Package / Case SC-101, SOT-883	Mounting Type	Surface Mount
	Package / Case	SC-101, SOT-883
Supplier Device Package ML3-N2	Supplier Device Package	ML3-N2
Report errors?		Report errors?

UNRF2A300A 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.

UNRF2A300A Payment Methods



















UNRF2A300A Shipping Methods













If you have any question about UNRF2A300A, please do not hesitate to contact us!

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