

# PBSS4160T,215

### PBSS4160T,215 Information

2	
www	helsener.com
0	

Part Number	PBSS4160T,215
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Description	TRANS NPN 60V 1A SOT23
Package	TO-236-3, SC-59, SOT-23-3
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

For Reference Only

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## PBSS4160T,215 Specifications

Manufacturer Part NumberPBSS4160T,215ManufacturerNexperia USA Inc.CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-236-3, SC-59, SOT-23-3Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)IAVoltage - Collector Emitter Breakdown (Max)60VVcc Saturation (Max) @ Ib, Ic250mV @ 100mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition220MHzOperating TemperatureIso°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)		
CategoryDiscrete Semiconductor Products Transistors - Bipolar (BJT) - SinglePackageTO-236-3, SC-59, SOT-23-3Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)IAVoltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic250mV @ 100mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition510°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236AB (SOT23)Supplier Device PackageTO-236AB (SOT23)	Manufacturer Part Number	PBSS4160T,215
Transistors - Bipolar (BJT) - SinglePackageTO-236-3, SC-59, SOT-23-3Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)60VVcc Saturation (Max) @ Ib, Ic250mV @ 100mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition220MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236A, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Manufacturer	Nexperia USA Inc.
PackageTO-236-3, SC-59, SOT-23-3Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)IAVoltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic250mV @ 100mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition220MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Category	Discrete Semiconductor Products
Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)IAVoltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic250mV @ 100mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition220MHzOperating TemperatureIs0°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (Lo) (Max)1AVoltage - Collector Emitter Breakdown (Max)60VVec Saturation (Max) @ Ib, Ic250mV @ 100mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition220MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Package	TO-236-3, SC-59, SOT-23-3
Current - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic250mV @ 100mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition220MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Series	-
Voltage - Collector Emitter Breakdown (Max)60VVce Saturation (Max) @ Ib, Ic250mV @ 100mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition220MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Transistor Type	NPN
Yce Saturation (Max) @ Ib, Ic250mV @ 100mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition220MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Current - Collector (Ic) (Max)	1A
Current - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition220MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Voltage - Collector Emitter Breakdown (Max)	60V
DC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 5VPower - Max400mWFrequency - Transition220MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Vce Saturation (Max) @ Ib, Ic	250mV @ 100mA, 1A
Power - Max400mWFrequency - Transition220MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Current - Collector Cutoff (Max)	100nA
Frequency - Transition220MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	DC Current Gain (hFE) (Min) @ Ic, Vce	200 @ 500mA, 5V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Power - Max	400mW
Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Frequency - Transition	220MHz
Package / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageTO-236AB (SOT23)	Operating Temperature	150°C (TJ)
Supplier Device Package TO-236AB (SOT23)	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	TO-236AB (SOT23)
		Report errors?

#### PBSS4160T,215 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

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### PBSS4160T,215 Payment Methods



# PBSS4160T,215 Shipping Methods



If you have any question about PBSS4160T,215, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com