

PBSS4160T,215

PBSS4160T,215 Information

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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



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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



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