

# **2SC5347AE-TD-E**

#### **2SC5347AE-TD-E Information**

www.lightener.com	 2SC5347AE-TD-E ON Semiconductor Discrete Semiconductor Products Transistors - Bipolar (BJT) - RF TRANS NPN BIPO HI FREQ PCP TO-243AA For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

### **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.



## 2SC5347AE-TD-E Specifications

Manufacturer Part NumberSCS347AE-TD-EManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsTransistor Selipolar (BJT) - RFPackageTO-243AASeries-Transistor TypeNPNVoltage - Collector Emitter Breakdown (Max)12VFrequency - TransitionA/GHZNoise Figure (dB Typ @ f)1.8dB @ 1GHzGainSdBPower - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150°C (TJ)Monting TypeSurface MountPackage / CaseTO-243AAPackage / CaseCurrent - Collector CasePackage / CaseCurrent - Current - Curre		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - RFPackageTo-243AASeries-Transistor TypeNPNVoltage - Collector Emitter Breakdown (Max)12VFrequency - Transition4.7GHzNoise Figure (dB Typ @ f)8dB @ 1GHzGain8dBPower - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150mAOperating Temperature150°C (TJ)Mounting TypeSurgae (Materia Materia Mate	Manufacturer Part Number	2SC5347AE-TD-E
Transistors - Bipolar (BJT) - RFPackageTO-243AASeries-Transistor TypeNPNVoltage - Collector Emitter Breakdown (Max)12VFrequency - Transition4.7GHzNoise Figure (dB Typ @ f)1.8dB @ 1GHzGain8dBPower - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CasePCP	Manufacturer	ON Semiconductor
PackageTO-243AASeries-Transistor TypeNPNVoltage - Collector Emitter Breakdown (Max)12VFrequency - Transition4.7GHzNoise Figure (dB Typ @ f)1.8dB @ 1GHzGain8dBPower - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150mAOperating Temperature50°C (TJ)Mounting TypeSurface MountPackage / CaseFO-243AASupplier Device PackagePCP	Category	Discrete Semiconductor Products
Series-Series-Transistor TypeNPNVoltage - Collector Emitter Breakdown (Max)12VFrequency - Transition4.7GHzNoise Figure (dB Typ @ f)1.8dB @ 1GHzGain8dBPower - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackagePCP		Transistors - Bipolar (BJT) - RF
Transistor TypeNPNVoltage - Collector Emitter Breakdown (Max)12VFrequency - Transition4.7GHzNoise Figure (dB Typ @ f)1.8dB @ 1GHzGain8dBPower - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150°C (TJ)Operating TemperatureSurface MountPackage / CaseTO-243AASupplier Device PackagePCP	Package	TO-243AA
Voltage - Collector Emitter Breakdown (Max)12VFrequency - Transition4.7GHzNoise Figure (dB Typ @ f)1.8dB @ 1GHzGain8dBPower - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150mAOperating Temperature50°C (TJ)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackagePCP	Series	-
Frequency - Transition4.7GHzNoise Figure (dB Typ @ f)1.8dB @ 1GHzGain8dBPower - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackagePCP	Transistor Type	NPN
Noise Figure (dB Typ @ f)1.8dB @ 1GHzGain8dBPower - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackagePCP	Voltage - Collector Emitter Breakdown (Max)	12V
Gain8dBPower - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackagePCP	Frequency - Transition	4.7GHz
Power - Max1.3WDC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackagePCP	Noise Figure (dB Typ @ f)	1.8dB @ 1GHz
DC Current Gain (hFE) (Min) @ Ic, Vce90 @ 50mA, 5VCurrent - Collector (Ic) (Max)150mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackagePCP	Gain	8dB
Current - Collector (Ic) (Max)150mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackagePCP	Power - Max	1.3W
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackagePCP	DC Current Gain (hFE) (Min) @ Ic, Vce	90 @ 50mA, 5V
Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackagePCP	Current - Collector (Ic) (Max)	150mA
Package / CaseTO-243AASupplier Device PackagePCP	Operating Temperature	150°C (TJ)
Supplier Device Package PCP	Mounting Type	Surface Mount
	Package / Case	TO-243AA
Perpet error	Supplier Device Package	PCP
Keport end		Report errors?

#### **2SC5347AE-TD-E** 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 UARANTEE

#### **Service Guarantees**

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

#### 2SC5347AE-TD-E Payment Methods





If you have any question about 2SC5347AE-TD-E, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com