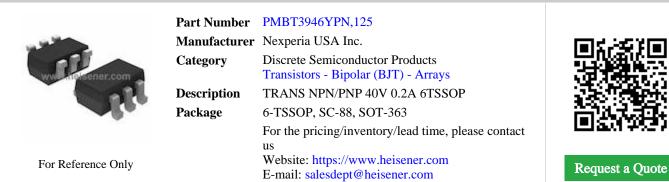


## PMBT3946YPN,125

### PMBT3946YPN,125 Information



### **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.



### PMBT3946YPN,125 Specifications

Manufacturer Part NumberPMBT3946YPN,125ManufacturerNexperia USA Inc.CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - ArraysPackage6-TSSOP, SC-88, SOT-363Series-Transistor TypeNPN, PNPCurrent - Collector (Ic) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mA / 400mV @ 5mA, 50mACurrent - Collector Cutoff (Max)50nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating TemperatureISo°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88, SOT-363		
CategoryDiscrete Semiconductor Products Transistors - Bipolar (BJT) - ArraysPackage6-TSSOP, SC-88, SOT-363Series-Transistor TypeNPN, PNPCurrent - Collector (Lc) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mA / 400mV @ 5mA, 50mACurrent - Collector Cutoff (Max)50nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Manufacturer Part Number	PMBT3946YPN,125
Transistors - Bipolar (BJT) - ArraysPackage6-TSSOP, SC-88, SOT-363Series-Transistor TypeNPN, PNPCurrent - Collector (Ic) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mA / 400mV @ 5mA, 50mACurrent - Collector Cutoff (Max)50nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Manufacturer	Nexperia USA Inc.
Package6-TSSOP, SC-88, SOT-363Series-Transistor TypeNPN, PNPCurrent - Collector (Ic) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mA / 400mV @ 5mA, 50mACurrent - Collector Cutoff (Max)50nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Category	Discrete Semiconductor Products
Series-Transistor TypeNPN, PNPCurrent - Collector (Lo (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mA / 400mV @ 5mA, 50mACurrent - Collector Cutoff (Max)50nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88		Transistors - Bipolar (BJT) - Arrays
Transistor TypeNPN, PNPCurrent - Collector (L) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mA / 400mV @ 5mA, 50mACurrent - Collector Cutoff (Max)50nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Package	6-TSSOP, SC-88, SOT-363
Current - Collector (Ic) (Max)200mAVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mA / 400mV @ 5mA, 50mACurrent - Collector Cutoff (Max)50nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Series	-
Voltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mA / 400mV @ 5mA, 50mACurrent - Collector Cutoff (Max)50nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Transistor Type	NPN, PNP
Vce Saturation (Max) @ Ib, Ic300mV @ 5mA, 50mA / 400mV @ 5mA, 50mACurrent - Collector Cutoff (Max)50nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Current - Collector (Ic) (Max)	200mA
Current - Collector Cutoff (Max)50nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Voltage - Collector Emitter Breakdown (Max)	40V
DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 10mA, 1VPower - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Vce Saturation (Max) @ Ib, Ic	300mV @ 5mA, 50mA / 400mV @ 5mA, 50mA
Power - Max350mWFrequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Current - Collector Cutoff (Max)	50nA (ICBO)
Frequency - Transition300MHz, 250MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 10mA, 1V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Power - Max	350mW
Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Frequency - Transition	300MHz, 250MHz
Package / Case6-TSSOP, SC-88, SOT-363Supplier Device Package6-TSSOP, SC-88	Operating Temperature	150°C (TJ)
Supplier Device Package 6-TSSOP, SC-88	Mounting Type	Surface Mount
	Package / Case	6-TSSOP, SC-88, SOT-363
Report errors?	Supplier Device Package	6-TSSOP, SC-88
Report errors.		Report errors?

#### PMBT3946YPN,125 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 BUARANTEE

#### **Service Guarantees**

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

#### PMBT3946YPN,125 Payment Methods





If you have any question about PMBT3946YPN,125, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com