

## MJD44H11T4

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### **MJD44H11T4 Information**

Part Number	MJD44H11T4	
Manufacturer	STMicroelectronics	
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
Description	TRANS NPN 80V 8A DPAK	
Package	TO-252-3, DPak (2 Leads + Tab), SC-63	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



For Reference Only

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.



### MJD44H11T4 Specifications

Manufacturer Part NumberMJD44H11T4ManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductsTransistor - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurren - Collector (L) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVec Saturation (Max) @ Ib, Ic10µACurrent - Collector Cutoff (Max)10µAPower - Max20WPower - Max20WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPokage / CaseDo-252.3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak		
CategoryDiscrete Semiconductor Products Transistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, IcIV@ 400mA, 8ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max20WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Manufacturer Part Number	MJD44H11T4
Transistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, IcIV @ 400mA, 8ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max20WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Manufacturer	STMicroelectronics
PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1V @ 400mA, 8ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max20WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseD-Pak	Category	Discrete Semiconductor Products
Series-Stries-Transistor TypeNPNCurrent - Collector (L) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1V @ 400mA, 8ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max20WFrequency - Transition-Operating Temperature50°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (L) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVotage - Collector Emitter Breakdown (Max)1V@ 400mA, 8ACurrent - Collector Cutoff (Max)10µACurrent - Collector Cutoff (Max)40 @ 4A, 1VPower - Max20WFrequency - Transition-Operating Temperature10°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Current - Collector (Ic) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1V @ 400mA, 8ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max20WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Series	-
Voltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ lb, Ic1V @ 400mA, 8ACurrent - Collector Cutoff (Max)10μADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max20WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Transistor Type	NPN
Vce Saturation (Max) @ Ib, IcIV @ 400mA, 8ACurrent - Collector Cutoff (Max)10μADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max20WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Current - Collector (Ic) (Max)	8A
Current - Collector Cutoff (Max)10μADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max20WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Voltage - Collector Emitter Breakdown (Max)	80V
DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max20WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Vce Saturation (Max) @ Ib, Ic	1V @ 400mA, 8A
Power - Max20WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Current - Collector Cutoff (Max)	10μΑ
Frequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 4A, 1V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Power - Max	20W
Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Frequency - Transition	-
Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Operating Temperature	150°C (TJ)
Supplier Device Package D-Pak	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	D-Pak
		Report errors?

### MJD44H11T4 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 EUARANTEE

#### **Service Guarantees**

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

### MJD44H11T4 Payment Methods



### MJD44H11T4 Shipping Methods



If you have any question about MJD44H11T4, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com