

MJE521

MJE521 Information



For Reference Only

Part Number	MJE521	
Manufacturer	STMicroelectronics	
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
Description	TRANS NPN 40V 4A SOT-32	
Package	TO-225AA, TO-126-3	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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Certified Quality

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MJE521 Specifications

Manufacturer Part NumberMJE521ManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTo-225AA, TO-126-3Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)40VVec Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40@Power - Max40WFrequency - Transition-Operating Temperature150°C (TJ)		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-225AA, TO-126-3Series-Transistor TypeNPNCurrent - Collector (Lo(Max)4AVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic100µA (ICBO)Current - Collector (Loting Ic, Vce)40 @ 1A, 1VPower - Max40WFrequency - Transition5-	Manufacturer Part Number	MJE521
For the second secon	Manufacturer	STMicroelectronics
PackageTO-225AA, TO-126-3Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 1A, 1VPower - Max40WFrequency - Transition-	Category	Discrete Semiconductor Products
Series-Transistor TypeNPNCurrent - Collector (IG) (Max)4AVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 1A, 1VPower - Max40WFrequency - Transition-		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 1A, 1VPower - Max40WFrequency - Transition-	Package	TO-225AA, TO-126-3
Current - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)100μA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 1A, 1VPower - Max40WFrequency - Transition-	Series	-
Voltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 1A, 1VPower - Max40WFrequency - Transition-	Transistor Type	NPN
Vce Saturation (Max) @ lb, Ic-Current - Collector Cutoff (Max)100μA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 1A, 1VPower - Max40WFrequency - Transition-	Current - Collector (Ic) (Max)	4A
Current - Collector Cutoff (Max)100μA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 1A, 1VPower - Max40WFrequency - Transition-	Voltage - Collector Emitter Breakdown (Max)	40V
DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 1A, 1VPower - Max40WFrequency - Transition-	Vce Saturation (Max) @ Ib, Ic	-
Power - Max40WFrequency - Transition-	Current - Collector Cutoff (Max)	100µA (ICBO)
Frequency - Transition -	DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 1A, 1V
	Power - Max	40W
Operating Temperature 150°C (TJ)	Frequency - Transition	-
	Operating Temperature	150°C (TJ)
Mounting Type Through Hole	Mounting Type	Through Hole
Package / Case TO-225AA, TO-126-3	Package / Case	TO-225AA, TO-126-3
Supplier Device Package SOT-32-3	Supplier Device Package	SOT-32-3
Report errors?		Report errors?

MJE521 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 Guarantees

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



If you have any question about MJE521, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com