

# **FZT790A**

#### **FZT790A Information**

	Part Number	FZT790A
www.helsener.com	Manufacturer	Fairchild/ON Semiconductor
	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
	Description	TRANS PNP 40V 3A SOT223
	Package	TO-261-4, TO-261AA
10		For the pricing/inventory/lead time, please contact
For Reference Only		us Website: https://www.heisener.com

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## **FZT790A Specifications**

Manufacturer Fairchild/ON Semiconductor   Category Discrete Semiconductor Products   Transistors - Bipolar (BJT) - Single Transistors - Bipolar (BJT) - Single   Package TO-261-4, TO-261AA   Series -   Transistor Type PNP   Current - Collector (Ic) (Max) 3A   Voltage - Collector Emitter Breakdown (Max) 40V   Vcc Saturation (Max) @ Ib, Ic 750mV @ 50mA, 2A   Current - Collector Cutoff (Max) 100nA (ICBO)   DC Current Gain (hFE) (Min) @ Ic, Vce 300 @ 10mA, 2V   Power - Max 2W   Frequency - Transition 100MHz   Operating Temperature -55°C ~ 150°C (TJ)   Mounting Type Surface Mount		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-261-4, TO-261AASeries-Transistor TypePNPCurrent - Collector (Lc) (Max)3AVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic750mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce300 @ 10mA, 2VPower - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Manufacturer Part Number	FZT790A
Transistors - Bipolar (BJT) - SinglePackageTO-261-4, TO-261AASeries-Transistor TypePNPCurrent - Collector (Ic) (Max)3AVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic750mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce300 @ 10mA, 2VPower - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Manufacturer	Fairchild/ON Semiconductor
PackageTO-261-4, TO-261AASeries-Transistor TypePNPCurrent - Collector (Ic) (Max)3AVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic750mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce300 @ 10mA, 2VPower - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Category	Discrete Semiconductor Products
Series-Transistor TypePNPCurrent - Collector (Ic) (Max)3AVoltage - Collector Emitter Breakdown (Max)40VVcc Saturation (Max) @ Ib, Ic750mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min @ Ic, Vce300 @ 10mA, 2VPower - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4		Transistors - Bipolar (BJT) - Single
Transistor TypePNPCurrent - Collector (Lc) (Max)3AVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic750mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce300 @ 10mA, 2VPower - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Package	TO-261-4, TO-261AA
Current - Collector (Ic) (Max)3AVoltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic750mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce300 @ 10mA, 2VPower - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Series	-
Voltage - Collector Emitter Breakdown (Max)40VVce Saturation (Max) @ Ib, Ic750mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce300 @ 10mA, 2VPower - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Transistor Type	PNP
Vce Saturation (Max) @ Ib, Ic750mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce300 @ 10mA, 2VPower - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Current - Collector (Ic) (Max)	3A
Current - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce300 @ 10mA, 2VPower - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Voltage - Collector Emitter Breakdown (Max)	40V
DC Current Gain (hFE) (Min) @ Ic, Vce300 @ 10mA, 2VPower - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Vce Saturation (Max) @ Ib, Ic	750mV @ 50mA, 2A
Power - Max2WFrequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Current - Collector Cutoff (Max)	100nA (ICBO)
Frequency - Transition100MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	DC Current Gain (hFE) (Min) @ Ic, Vce	300 @ 10mA, 2V
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Power - Max	2W
Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Frequency - Transition	100MHz
Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package SOT-223-4	Mounting Type	Surface Mount
	Package / Case	TO-261-4, TO-261AA
Report errors?	Supplier Device Package	SOT-223-4
•		Report errors?

E-mail: salesdept@heisener.com

#### **FZT790A 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.

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



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