

KSA1242OTU

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KSA1242OTU Information

W Hehenen.com	Part Number	KSA1242OTU	
	Manufacturer	Fairchild/ON Semiconductor	
	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
	Description	TRANS PNP 20V 5A I-PAK	
	Package	TO-251-3 Short Leads, IPak, TO-251AA	
1 "		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	

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.



KSA1242OTU Specifications

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-251-3 Short Leads, IPak, TO-251AASeries-Transistor TypePNPCurrent - Collector (Ic) (Max)SAVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, IcIV @ 100mA, 4ACurrent - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - MaxIWFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak		
CategoryDiscrete Semiconductor Products Transistors - Bipolar (BJT) - SinglePackageTO-251-3 Short Leads, IPak, TO-251AASeries-Transistor TypePNPCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, IcIV @ 100mA, 4ACurrent - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Manufacturer Part Number	KSA1242OTU
Transistors - Bipolar (BJT) - SinglePackageTO-251-3 Short Leads, IPak, TO-251AASeries-Transistor TypePNPCurrent - Collector (Lc) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, IcIV @ 100mA, 4ACurrent - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Manufacturer	Fairchild/ON Semiconductor
PackageTO-251-3 Short Leads, IPak, TO-251AASeries-Transistor TypePNPCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVcc Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Category	Discrete Semiconductor Products
Series-Series-Transistor TypePNPCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak		Transistors - Bipolar (BJT) - Single
Transistor TypePNPCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVcc Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Package	TO-251-3 Short Leads, IPak, TO-251AA
Current - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, IcIV @ 100mA, 4ACurrent - Collector Cutoff (Max)100μA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Series	-
Voltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Transistor Type	PNP
Vcc Saturation (Max) @ lb, Ic1V @ 100mA, 4ACurrent - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - Max10WPower - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Current - Collector (Ic) (Max)	5A
Current - Collector Cutoff (Max)100µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Voltage - Collector Emitter Breakdown (Max)	20V
DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 500mA, 2VPower - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Vce Saturation (Max) @ Ib, Ic	1V @ 100mA, 4A
Power - Max10WFrequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Current - Collector Cutoff (Max)	100µA (ICBO)
Frequency - Transition180MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 500mA, 2V
Operating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Power - Max	10W
Mounting TypeThrough HolePackage / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Frequency - Transition	180MHz
Package / CaseTO-251-3 Short Leads, IPak, TO-251AASupplier Device PackageI-Pak	Operating Temperature	150°C (TJ)
Supplier Device Package I-Pak	Mounting Type	Through Hole
	Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Report errors?	Supplier Device Package	I-Pak
		Report errors?

KSA1242OTU 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.

KSA1242OTU Payment Methods



KSA1242OTU Shipping Methods



If you have any question about KSA1242OTU, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com