



BUD42DT4G Information



For Reference Only

Part Number BUD42DT4G
Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - Bipolar (BJT) - Single

Description TRANS NPN 350V 4A 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



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BUD42DT4G Specifications

Manufacturer Part NumberBUD42DT4GManufacturerON SemiconductorCategoryDiscrete Semiconductor Products Transistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)350VVce Saturation (Max) @ Ib, IcIV @ 500mA, 2ACurrent - Collector Cutoff (Max)100μADC Current Gain (hFE) (Min) @ Ic, Vce10 @ 2A, 5VPower - Max25WFrequency - Transition-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3		
Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Transistor Type NPN Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic 1V @ 500mA, 2A Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce 10 @ 2A, 5V Power - Max 25W Frequency - Transition Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK-3	Manufacturer Part Number	BUD42DT4G
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Transistor Type Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic 1V @ 500mA, 2A Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce Power - Max Frequency - Transition Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic 1V @ 500mA, 2A Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce 10 @ 2A, 5V Power - Max 25W Frequency - Transition Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package	Series	-
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Vce Saturation (Max) @ Ib, Ic1V @ 500mA, 2ACurrent - Collector Cutoff (Max)100μADC Current Gain (hFE) (Min) @ Ic, Vce10 @ 2A, 5VPower - Max25WFrequency - Transition-Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Current - Collector (Ic) (Max)	4A
Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce 10 @ 2A, 5V Power - Max 25W Frequency - Transition Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK-3	Voltage - Collector Emitter Breakdown (Max)	350V
DC Current Gain (hFE) (Min) @ Ic, Vce 10 @ 2A, 5V Power - Max 25W Frequency - Transition Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK-3	Vce Saturation (Max) @ Ib, Ic	1V @ 500mA, 2A
Power - Max Frequency - Transition Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK-3	Current - Collector Cutoff (Max)	100μΑ
Frequency - Transition Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK-3	DC Current Gain (hFE) (Min) @ Ic, Vce	10 @ 2A, 5V
Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK-3	Power - Max	25W
Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK-3	Frequency - Transition	-
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK-3	Operating Temperature	-65°C ~ 150°C (TJ)
Supplier Device Package DPAK-3	Mounting Type	Surface Mount
••	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	DPAK-3
		Report errors?

BUD42DT4G 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.

BUD42DT4G Payment Methods





















BUD42DT4G Shipping Methods













If you have any question about BUD42DT4G, please do not hesitate to contact us!

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