



MPS2222ARLG Information



For Reference Only

Part Number MPS2222ARLG Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - Bipolar (BJT) - Single

Description TRANS NPN 40V 0.6A TO-92

Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)

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

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.









MPS2222ARLG Specifications

| Manufacturer Part Number Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Series - Transistor Type NPN Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic 1V @ 50mA, 500mA Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 150mA, 10V Power - Max Frequency - Transition Operating Temperature John Current Group Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3 | | |
|--|---|---|
| Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Series - Transistor Type NPN Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic 1V @ 50mA, 500mA Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 150mA, 10V Power - Max 625mW Frequency - Transition Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package | Manufacturer Part Number | MPS2222ARLG |
| Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Series - Transistor Type NPN Current - Collector (Ic) (Max) 600mA Voltage - Collector Emitter Breakdown (Max) 40V Vce Saturation (Max) @ Ib, Ic 1V @ 50mA, 500mA Current - Collector Cutoff (Max) 10nA (ICBO) DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 150mA, 10V Power - Max 625mW Frequency - Transition 300MHz Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package | Manufacturer | ON Semiconductor |
| Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Series - Transistor Type NPN Current - Collector (Ic) (Max) 600mA Voltage - Collector Emitter Breakdown (Max) 40V Vce Saturation (Max) @ Ib, Ic 1V @ 50mA, 500mA Current - Collector Cutoff (Max) 10nA (ICBO) DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 150mA, 10V Power - Max 625mW Frequency - Transition 300MHz Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3 | Category | Discrete Semiconductor Products |
| Series - NPN Current - Collector (Ic) (Max) 600mA Voltage - Collector Emitter Breakdown (Max) 40V Vce Saturation (Max) @ Ib, Ic 1V @ 50mA, 500mA Current - Collector Cutoff (Max) 10nA (ICBO) DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 150mA, 10V Power - Max 625mW Frequency - Transition 300MHz Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3 | | Transistors - Bipolar (BJT) - Single |
| Transistor Type Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) 10nA (ICBO) DC Current Gain (hFE) (Min) @ Ic, Vce Power - Max 625mW Frequency - Transition Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package | Package | TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) |
| Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic 1V @ 50mA, 500mA Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 150mA, 10V Power - Max 625mW Frequency - Transition 300MHz Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package | Series | - |
| Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic 1V @ 50mA, 500mA Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 150mA, 10V Power - Max 625mW Frequency - Transition 300MHz Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package | Transistor Type | NPN |
| Vce Saturation (Max) @ Ib, Ic1V @ 50mA, 500mACurrent - Collector Cutoff (Max)10nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 150mA, 10VPower - Max625mWFrequency - Transition300MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3 | Current - Collector (Ic) (Max) | 600mA |
| Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 150mA, 10V Power - Max 625mW Frequency - Transition 300MHz Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package | Voltage - Collector Emitter Breakdown (Max) | 40V |
| DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 150mA, 10V 625mW Frequency - Transition 300MHz Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package | Vce Saturation (Max) @ Ib, Ic | 1V @ 50mA, 500mA |
| Power - Max Frequency - Transition Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package | Current - Collector Cutoff (Max) | 10nA (ICBO) |
| Frequency - Transition Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3 | DC Current Gain (hFE) (Min) @ Ic, Vce | 100 @ 150mA, 10V |
| Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3 | Power - Max | 625mW |
| Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3 | Frequency - Transition | 300MHz |
| Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3 | Operating Temperature | -55°C ~ 150°C (TJ) |
| Supplier Device Package TO-92-3 | Mounting Type | Through Hole |
| •• | Package / Case | TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) |
| Report errors? | Supplier Device Package | TO-92-3 |
| | | Report errors? |

MPS2222ARLG 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.

MPS2222ARLG Payment Methods



















MPS2222ARLG Shipping Methods













If you have any question about MPS2222ARLG, please do not hesitate to contact us!

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