

MPSA42RL1 Information


For Reference Only

Part Number [MPSA42RL1](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - Bipolar \(BJT\) - Single](#)
Description TRANS NPN 300V 0.5A 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


[Request a Quote](#)
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.


MPSA42RL1 Specifications

| | |
|---|---|
| Manufacturer Part Number | MPSA42RL1 |
| 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) | 500mA |
| Voltage - Collector Emitter Breakdown (Max) | 300V |
| Vce Saturation (Max) @ Ib, Ic | 500mV @ 2mA, 20mA |
| Current - Collector Cutoff (Max) | 100nA (ICBO) |
| DC Current Gain (hFE) (Min) @ Ic, Vce | 25 @ 1mA, 10V |
| Power - Max | 625mW |
| Frequency - Transition | 50MHz |
| 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 |

[Report errors?](#)

MPSA42RL1 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.

MPSA42RL1 Payment Methods



MPSA42RL1 Shipping Methods



If you have any question about MPSA42RL1, please do not hesitate to contact us!

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