

HGT1S2N120CN Information


For Reference Only

Part Number [HGT1S2N120CN](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 13A 104W I2PAK
Package TO-262-3 Long Leads, I2Pak, TO-262AA
 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.


HGT1S2N120CN Specifications

| | |
|---|---|
| Manufacturer Part Number | HGT1S2N120CN |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - IGBTs - Single |
| Package | TO-262-3 Long Leads, I2Pak, TO-262AA |
| Series | - |
| IGBT Type | NPT |
| Voltage - Collector Emitter Breakdown (Max) | 1200V |
| Current - Collector (Ic) (Max) | 13A |
| Current - Collector Pulsed (Icm) | 20A |
| Vce(on) (Max) @ Vge, Ic | 2.4V @ 15V, 2.6A |
| Power - Max | 104W |
| Switching Energy | 96µJ (on), 355µJ (off) |
| Input Type | Standard |
| Gate Charge | 30nC |
| Td (on/off) @ 25°C | 25ns/205ns |
| Test Condition | 960V, 2.6A, 51 Ohm, 15V |
| Reverse Recovery Time (trr) | - |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-262-3 Long Leads, I2Pak, TO-262AA |
| Supplier Device Package | TO-262 |

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HGT1S2N120CN 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.

HGT1S2N120CN Payment Methods



HGT1S2N120CN Shipping Methods



If you have any question about HGT1S2N120CN, please do not hesitate to contact us!

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