

IGW40N120H3 Information


For Reference Only

Part Number [IGW40N120H3](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 80A 483W TO247-3
Package TO-247-3
 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.


IGW40N120H3 Specifications

Manufacturer Part Number	IGW40N120H3
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	TrenchStop?
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	160A
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 40A
Power - Max	483W
Switching Energy	3.16mJ
Input Type	Standard
Gate Charge	185nC
Td (on/off) @ 25°C	30ns/290ns
Test Condition	600V, 40A, 12 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	PG-TO247-3

[Report errors?](#)

IGW40N120H3 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.

IGW40N120H3 Payment Methods



IGW40N120H3 Shipping Methods



If you have any question about IGW40N120H3, please do not hesitate to contact us!

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