

IXGT20N140C3H1 Information


For Reference Only

Part Number [IXGT20N140C3H1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1400V 42A 250W TO268
Package TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
 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.


IXGT20N140C3H1 Specifications

Manufacturer Part Number	IXGT20N140C3H1
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Series	GenX3?
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	1400V
Current - Collector (Ic) (Max)	42A
Current - Collector Pulsed (Icm)	108A
Vce(on) (Max) @ Vge, Ic	5V @ 15V, 20A
Power - Max	250W
Switching Energy	1.35mJ (on), 440µJ (off)
Input Type	Standard
Gate Charge	88nC
Td (on/off) @ 25°C	19ns/110ns
Test Condition	700V, 20A, 5 Ohm, 15V
Reverse Recovery Time (trr)	70ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Supplier Device Package	TO-268

[Report errors?](#)

IXGT20N140C3H1 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.

IXGT20N140C3H1 Payment Methods



IXGT20N140C3H1 Shipping Methods



If you have any question about IXGT20N140C3H1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com