

IXGP16N60B2D1 Information


For Reference Only

Part Number [IXGP16N60B2D1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 40A 150W TO220
Package TO-220-3
 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.


IXGP16N60B2D1 Specifications

Manufacturer Part Number	IXGP16N60B2D1
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3
Series	HiPerFAST?
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	40A
Current - Collector Pulsed (Icm)	100A
Vce(on) (Max) @ Vge, Ic	1.95V @ 15V, 12A
Power - Max	150W
Switching Energy	160μJ (on), 120μJ (off)
Input Type	Standard
Gate Charge	24nC
Td (on/off) @ 25°C	18ns/73ns
Test Condition	400V, 12A, 22 Ohm, 15V
Reverse Recovery Time (trr)	30ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220AB

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IXGP16N60B2D1 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.

IXGP16N60B2D1 Payment Methods



IXGP16N60B2D1 Shipping Methods



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