

IXYH10N170CV1 Information


For Reference Only

Part Number [IXYH10N170CV1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1.7KV 36A TO247
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.


IXYH10N170CV1 Specifications

Manufacturer Part Number	IXYH10N170CV1
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	XPT?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	1700V
Current - Collector (Ic) (Max)	36A
Current - Collector Pulsed (Icm)	84A
Vce(on) (Max) @ Vge, Ic	3.8V @ 15V, 10A
Power - Max	280W
Switching Energy	1.4mJ (on), 700µJ (off)
Input Type	Standard
Gate Charge	46nC
Td (on/off) @ 25°C	14ns/130ns
Test Condition	850V, 10A, 10 Ohm, 15V
Reverse Recovery Time (trr)	160ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247 (IXYH)

[Report errors?](#)

IXYH10N170CV1 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.

IXYH10N170CV1 Payment Methods



IXYH10N170CV1 Shipping Methods



If you have any question about IXYH10N170CV1, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com