

IHW20T120FKSA1 Information


For Reference Only

Part Number [IHW20T120FKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 40A 178W 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.


IHW20T120FKSA1 Specifications

Manufacturer Part Number	IHW20T120FKSA1
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)	40A
Current - Collector Pulsed (Icm)	60A
Vce(on) (Max) @ Vge, Ic	2.2V @ 15V, 20A
Power - Max	178W
Switching Energy	1.8mJ (on), 1.5mJ (off)
Input Type	Standard
Gate Charge	120nC
Td (on/off) @ 25°C	50ns/560ns
Test Condition	600V, 20A, 28 Ohm, 15V
Reverse Recovery Time (trr)	140ns
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	PG-TO247-3

[Report errors?](#)

IHW20T120FKSA1 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.

IHW20T120FKSA1 Payment Methods



IHW20T120FKSA1 Shipping Methods



If you have any question about IHW20T120FKSA1, please do not hesitate to contact us!

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