

FGH12040WD_F155 Information


For Reference Only

Part Number FGH12040WD_F155
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description 1200V 40A FS2 TRENCH IGBT
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.


FGH12040WD_F155 Specifications

Manufacturer Part Number	FGH12040WD_F155
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	100A
Vce(on) (Max) @ Vge, Ic	2.9V @ 15V, 40A
Power - Max	428W
Switching Energy	4.1mJ (on), 1mJ (off)
Input Type	Standard
Gate Charge	226nC
Td (on/off) @ 25°C	45ns/560ns
Test Condition	600V, 40A, 23 Ohm, 15V
Reverse Recovery Time (trr)	71ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3

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FGH12040WD_F155 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.

FGH12040WD_F155 Payment Methods



FGH12040WD_F155 Shipping Methods



If you have any question about FGH12040WD_F155, please do not hesitate to contact us!

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