

STGW40H120F2 Manufacturer Part Number: STGW40H120F2 **Manufacturer/Brand:** STMicroelectronics **Part of Description:** IGBT 1200V 40A HS TO-247 Mathematical STGW40H120F2.pdf Mathematical STGW40H120F2 **Datasheets: Not Actual Photo** YIC International Co., Limited. Rohs Lead free / Rohs **RoHs Status:** Compliant New original, 1158 pcs Stock Available. **Stock Condition: Ship From:** Hong Kong Image may be representation. **Shipment Way:** DHL/Fedex/TNT/UPS/EMS See specs for roduct details.

Specifications

| Specifications | |
|---|---|
| Part Number | STGW40H120F2 |
| Manufacturer | STMicroelectronics |
| Description | IGBT 1200V 40A HS TO-247 |
| Category | Discrete Semiconductor Products > Transistors - IGBTs - |
| Part Status | 1158 pcs Stock |
| Voltage - Collector Emitter Breakdown (Max) | 1200V |
| Vce(on) (Max) @ Vge, Ic | 2.6V @ 15V, 40A |
| Test Condition | 600V, 40A, 10 Ohm, 15V |
| Td (on/off) @ 25°C | 18ns/152ns |
| Switching Energy | 1mJ (on), 1.32mJ (off) |
| Supplier Device Package | TO-247 |
| Series | - |
| Power - Max | 468W |
| Packaging | Tube |
| Package / Case | TO-247-3 |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Input Type | Standard |
| IGBT Type | Trench Field Stop |
| Gate Charge | 158nC |
| Current - Collector Pulsed (Icm) | 160A |
| Current - Collector (Ic) (Max) | 80A |

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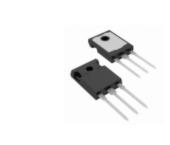


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STGW40H65FBSTMicroelectronics
IGBT 650V 80A 283W TO247





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