
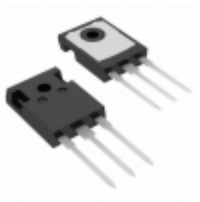
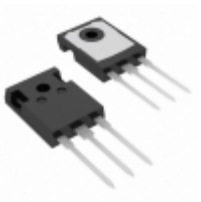







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| <div>Image may be representation. See specs for product details.</div> | |

| Specifications | |
|---|---|
| Part Number | FGH20N6S2 |
| Manufacturer | AMI Semiconductor / ON Semiconductor |
| Description | IGBT 600V 28A 125W TO247 |
| Category | Discrete Semiconductor Products > Transistors - IGBTs - |
| Part Status | 6062 pcs Stock |
| Voltage - Collector Emitter Breakdown (Max) | 600V |
| Vce(on) (Max) @ Vge, Ic | 2.7V @ 15V, 7A |
| Test Condition | 390V, 7A, 25 Ohm, 15V |
| Td (on/off) @ 25°C | 7.7ns/87ns |
| Switching Energy | 25μJ (on), 58μJ (off) |
| Supplier Device Package | TO-247-3 |
| Series | - |
| Power - Max | 125W |
| Packaging | Tube |
| Package / Case | TO-247-3 |
| Other Names | FGH20N6S2_NL |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Input Type | Standard |
| IGBT Type | - |
| Gate Charge | 30nC |
| Detailed Description | IGBT 600V 28A 125W Through Hole TO-247-3 |
| Current - Collector Pulsed (Icm) | 40A |
| Current - Collector (Ic) (Max) | 28A |
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