



Image may be representation. See specs for product details.

| STGW60H65F                |   |
|---------------------------|---|
| Manufacturer Part Number: | STGW60H65F  |
| Manufacturer/Brand:       | STMicroelectronics                                  |
| Part of Description:      | IGBT 650V 120A 360W TO247                           |
| Datasheets:               | STGW60H65F.pdf                                      |
| RoHs Status:              | RoHs Lead free / RoHS                               |
| Stock Condition:          | Compliant<br>New original, 107 pcs Stock Available. |
| Ship From:                | Hong Kong   |
| Shipment Way:             | DHL/Fedex/TNT/UPS/EMS                               |

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| Specifications                              |   |
|---|---|
| Part Number                                 | STGW60H65F  |
| Manufacturer                                | STMicroelectronics                                      |
| Description                                 | IGBT 650V 120A 360W TO247                               |
| Category                                    | Discrete Semiconductor Products > Transistors - IGBTs - |
| Part Status                                 | 107 pcs Stock   |
| Voltage - Collector Emitter Breakdown (Max) | 650V  |
| Vce(on) (Max) @ Vge, Ic                     | 1.9V @ 15V, 60A   |
| Test Condition                              | 400V, 60A, 10 Ohm, 15V                                  |
| Td (on/off) @ 25°C                          | 65ns/180ns  |
| Switching Energy                            | 750μJ (on), 1.05mJ (off)                                |
| Supplier Device Package                     | TO-247  |
| Series                                      | -   |
| Power - Max                                 | 360W  |
| Packaging                                   | Tube  |
| Package / Case                              | TO-247-3  |
| Operating Temperature                       | -55°C ~ 150°C (TJ)                                      |
| Mounting Type                               | Through Hole  |
| Input Type                                  | Standard  |
| IGBT Type                                   | Trench Field Stop                                       |
| Gate Charge                                 | 217nC   |
| Current - Collector Pulsed (Icm)            | 240A  |
| Current - Collector (Ic) (Max)              | 120A  |

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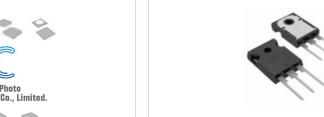
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