



STGWT40V60DF

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| Manufacturer Part Number: | STGWT40V60DF |
| Manufacturer / Brand: | STMicroelectronics |
| Part of Description: | IGBT 600V 80A 283W TO3P-3 |
| Datasheets: | STGWT40V60DF.pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 700 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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The specifications of STGWT40V60DF

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|---|---|----------------------------------|---|
| Part Number | STGWT40V60DF | Manufacturer / Brand | STMicroelectronics |
| Series | - | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Package / Case | TO-3P-3, SC-65-3 | Packaging | Tube |
| Mounting Type | Through Hole | Supplier Device Package | TO-3P |
| Operating Temperature | -55°C ~ 175°C (TJ) | Detailed Description | IGBT Trench Field Stop 600V 80A 283W Through Hole TO-3P |
| Input Type | Standard | Power - Max | 283W |
| Reverse Recovery Time (trr) | 41ns | Current - Collector (Ic) (Max) | 80A |
| Voltage - Collector Emitter Breakdown (Max) | 600V | IGBT Type | Trench Field Stop |
| Vce(on) (Max) @ Vge, Ic | 2.3V @ 15V, 40A | Current - Collector Pulsed (Icm) | 160A |
| Switching Energy | 456µJ (on), 411µJ (off) | Gate Charge | 226nC |
| Td (on/off) @ 25°C | 52ns/208ns | Test Condition | 400V, 40A, 10 Ohm, 15V |
| Other Names | 497-13771-5 | Stock Quantity | 700 pcs Stock |
| Category | Discrete Semiconductor Products > Transistors - IGBTs - Single | Description | IGBT 600V 80A 283W TO3P-3 |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant | | |

Keywords realted to STGWT40V60DF

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