



HGTP7N60B3D

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| Manufacturer Part Number: | HGTP7N60B3D |
| Manufacturer / Brand: | AMI Semiconductor / ON Semiconductor |
| Part of Description: | IGBT 600V 14A 60W TO220AB |
| Datasheets: | HGTP7N60B3D(1).pdf HGTP7N60B3D(2).pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 12400 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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The specifications of HGTP7N60B3D

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|----------------------------------|---|---|--------------------------------------|
| Part Number | HGTP7N60B3D | Manufacturer / Brand | AMI Semiconductor / ON Semiconductor |
| Series | - | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Base Part Number | HGTP7N60 | Package / Case | TO-220-3 |
| Packaging | Tube | Mounting Type | Through Hole |
| Supplier Device Package | TO-220AB | Operating Temperature | -55°C ~ 150°C (TJ) |
| Detailed Description | IGBT 600V 14A 60W Through Hole TO-220AB | Input Type | Standard |
| Power - Max | 60W | Reverse Recovery Time (trr) | 37ns |
| Current - Collector (Ic) (Max) | 14A | Voltage - Collector Emitter Breakdown (Max) | 600V |
| IGBT Type | - | Vce(on) (Max) @ Vge, Ic | 2.1V @ 15V, 7A |
| Current - Collector Pulsed (Icm) | 56A | Switching Energy | 160µJ (on), 120µJ (off) |
| Gate Charge | 23nC | Td (on/off) @ 25°C | 26ns/130ns |
| Test Condition | 480V, 7A, 50 Ohm, 15V | Stock Quantity | 12400 pcs Stock |
| Category | Discrete Semiconductor Products > Transistors - IGBTs - Single | Description | IGBT 600V 14A 60W TO220AB |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant | | |

Keywords related to HGTP7N60B3D

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