



**APT40GP90J**

|                                 |                                |
|---------------------------------|--------------------------------|
| Manufacturer Part Number:       | APT40GP90J                     |
| Manufacturer / Brand:           | Microsemi                      |
| Part of Description:            | IGBT 900V 68A 284W SOT227      |
| Datasheets:                     | APT40GP90J.pdf                 |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant     |
| Stock Condition:                | New original, Stock Available. |
| Ship From:                      | Hong Kong                      |
| Shipment Way:                   | DHL/Fedex/TNT/UPS              |

[GET A QUOTE](#)

**APT40GP90J** 100% New Original Opes in Stock, Find APT40GP90J Price, Stock, datasheet at IC Components Ltd Online, buy APT40GP90J Microsemi with warrantied. 100% guarantee confidence. RFQ APT40GP90J: [Info@IC-Components.com](mailto:Info@IC-Components.com)















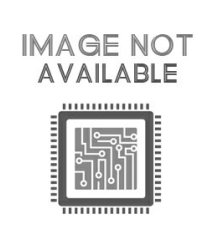
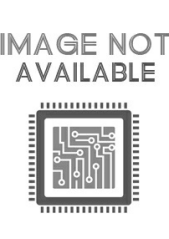

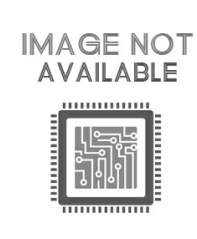







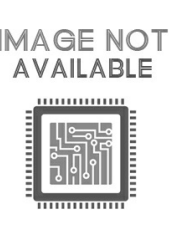

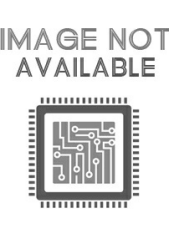
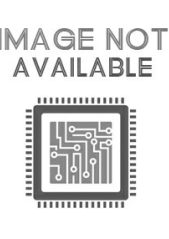

The specifications of APT40GP90J

|   |  |                                  |                               |
|---|--|----------------------------------|-------------------------------|
| Part Number                                 | APT40GP90J   | Manufacturer / Brand             | Microsemi                     |
| Series                                      | POWER MOS 7®   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                 |
| Package / Case                              | SOT-227-4, miniBLOC  | Mounting Type                    | Chassis Mount                 |
| Supplier Device Package                     | ISOTOP®  | Operating Temperature            | -55°C ~ 150°C (TJ)            |
| Detailed Description                        | IGBT Module PT Single 900V 68A 284W Chassis Mount ISOTOP®                          | Power - Max                      | 284W                          |
| Configuration                               | Single   | Current - Collector (Ic) (Max)   | 68A                           |
| Voltage - Collector Emitter Breakdown (Max) | 900V   | Current - Collector Cutoff (Max) | 250µA                         |
| IGBT Type                                   | PT   | Vce(on) (Max) @ Vge, Ic          | 3.9V @ 15V, 40A               |
| Input Capacitance (Cies) @ Vce              | 3.3nF @ 25V  | Input                            | Standard                      |
| NTC Thermistor                              | No   | Other Names                      | APT40GP90JG<br>APT40GP90JG-ND |
| Category                                    | <a href="#">Discrete Semiconductor Products &gt; Transistors - IGBTs - Modules</a> | Description                      | IGBT 900V 68A 284W SOT227     |
| Lead Free Status / RoHS Status              | Lead free / RoHS Compliant   |                                  |                               |

Keywords related to APT40GP90J

|  |  |   |  |
|--|--|---|--|
| Microsemi APT40GP90J                     | APT40GP90J part                          | APT40GP90J Price                          | APT40GP90J Distributor                         |
| APT40GP90J Technical                     | APT40GP90J Stock                         | APT40GP90J Inventory                      | APT40GP90J Supplier                            |
| APT40GP90J Online Order                  | APT40GP90J Inquiry                       | APT40GP90J Image                          | APT40GP90J Picture                             |
| APT40GP90J pdf                           | APT40GP90J datasheet                     | APT40GP90J data sheet                     | APT40GP90J pdf datasheet                       |
| Download APT40GP90J datasheet            | Microsemi Manufacturer                   | Microsemi APT40GP90J                      | Microsemi Analog Mixed Signal Group APT40GP90J |
| Microsemi Analog Mixed Signal Group [ML] | Microsemi Consumer Medical Product Group | Microsemi HI-REL [ML] APT40GP90J          | Microsemi Power Management Group APT40GP90J    |
| APT40GP90J                               | APT40GP90J                               | Microsemi Power Products Group APT40GP90J | Microsemi SoC APT40GP90J                       |
| Microsemi Commercial Components Group    | Microsemi Corporation APT40GP90J         | Microsemi Solutions Sdn Bhd. APT40GP90J   |  |
| APT40GP90J                               |  |   |  |

You May Be Also Be interested In:

|   |   |  |
|---|---|--|
| <br><b>APT40GF120JRD</b><br>Description: IGBT Modules<br>Manufacturers:<br>In Stock: New original, 2000 pcs Stock Available.<br>Quote: <input type="text"/> RFQ                     | <br><b>APT40GP60LDF3</b><br>Description: APT40GP60LDF3 APT TO3PL<br>Manufacturers: APT<br>In Stock: New original, 7000 pcs Stock Available.<br>Quote: <input type="text"/> RFQ             | <br><b>APT41M80B2</b><br>Description: MOSFET N-CH 800V 43A T-MAX<br>Manufacturers: Microsemi<br>In Stock: New original, 1700 pcs Stock Available.<br>Quote: <input type="text"/> RFQ      |
| <br><b>APT40M35JVR</b><br>Description: IGBT Modules<br>Manufacturers:<br>In Stock: New original, 1700 pcs Stock Available.<br>Quote: <input type="text"/> RFQ                       | <br><b>APT40GF120JRDQ2</b><br>Description: IGBT 1200V 77A 347W SOT227<br>Manufacturers: Microsemi<br>In Stock: New original, Stock Available.<br>Quote: <input type="text"/> RFQ           | <br><b>APT40GLQ120JCU2</b><br>Description: POWER MOD 1200V 80A SOT227<br>Manufacturers: Microsemi<br>In Stock: New original, Stock Available.<br>Quote: <input type="text"/> RFQ          |
| <br><b>APT40GP60B</b><br>Description: APT40GP60B APT TO-3P<br>Manufacturers: APT<br>In Stock: New original, 400 pcs Stock Available.<br>Quote: <input type="text"/> RFQ             | <br><b>APT41M80L</b><br>Description: MOSFET N-CH 800V 43A TO-264<br>Manufacturers: Microsemi<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ        | <br><b>APT40SM120S</b><br>Description: MOSFET N-CH 1200V 41A D3PAK<br>Manufacturers: Microsemi<br>In Stock: New original, 2400 pcs Stock Available.<br>Quote: <input type="text"/> RFQ    |
| <br><b>APT40GP60BG</b><br>Description: IGBT 600V 100A 543W TO247<br>Manufacturers: Microsemi<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ | <br><b>APT40DQ60BG</b><br>Description: DIODE GEN PURP 600V 40A TO247<br>Manufacturers: Microsemi<br>In Stock: New original, 2300 pcs Stock Available.<br>Quote: <input type="text"/> RFQ   | <br><b>APT40GR120B2SCD10</b><br>Description: IGBT 1200V 88A 500W TO247<br>Manufacturers: Microsemi<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ |
| <br><b>APT40GL120JU3</b><br>Description: MOD IGBT 1200V 65A SOT-227<br>Manufacturers: Microsemi<br>In Stock: New original, Stock Available.<br>Quote: <input type="text"/> RFQ      | <br><b>APT40SM120J</b><br>Description: MOSFET N-CH 1200V 32A SOT227<br>Manufacturers: Microsemi<br>In Stock: New original, 4300 pcs Stock Available.<br>Quote: <input type="text"/> RFQ    | <br><b>APT40GT60BR</b><br>Description: APT40GT60BR APT TO247<br>Manufacturers: APT<br>In Stock: New original, 7300 pcs Stock Available.<br>Quote: <input type="text"/> RFQ                |
| <br><b>APT40M70JVR</b><br>Description: IGBT Modules<br>Manufacturers:<br>In Stock: New original, 2000 pcs Stock Available.<br>Quote: <input type="text"/> RFQ                       | <br><b>APT40DQ120BG</b><br>Description: DIODE GEN PURP 1.2KV 40A TO247<br>Manufacturers: Microsemi<br>In Stock: New original, 2100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ | <br><b>APT40M75JVR</b><br>Description: IGBT Modules<br>Manufacturers:<br>In Stock: New original, 1600 pcs Stock Available.<br>Quote: <input type="text"/> RFQ                             |
| <br><b>APT40GP90JDQ2</b><br>Description: IGBT 900V 64A 284W SOT227<br>Manufacturers: Microsemi<br>In Stock: New original, Stock Available.<br>Quote: <input type="text"/> RFQ       | <br><b>APT40N60B2CFG</b><br>Description: APT40N60B2CFG APT TO-3P<br>Manufacturers: APT<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ              | <br><b>APT40GT60BRG</b><br>Description: IGBT 600V 80A 345W TO247<br>Manufacturers: Microsemi<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ       |
| <br><b>APT40GL120JU2</b><br>Description: MOD IGBT 1200V 65A SOT-227<br>Manufacturers: Microsemi<br>In Stock: New original, Stock Available.<br>Quote: <input type="text"/> RFQ      | <br><b>APT40GP60B2DQ2G</b><br>Description: IGBT 600V 100A 543W TMAX<br>Manufacturers: Microsemi<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ     | <br><b>APT40GP60JDQ2</b><br>Description: IGBT 600V 86A 284W SOT227<br>Manufacturers: Microsemi<br>In Stock: New original, Stock Available.<br>Quote: <input type="text"/> RFQ             |
| <br><b>APT42F50B</b><br>Description: MOSFET N-CH 500V 42A TO-247<br>Manufacturers: Microsemi<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ | <br><b>APT40GP60J</b><br>Description: IGBT Modules<br>Manufacturers:<br>In Stock: New original, 2000 pcs Stock Available.<br>Quote: <input type="text"/> RFQ                               | <br><b>APT40DQ60BCTG</b><br>Description: DIODE ARRAY GP 600V 40A TO247<br>Manufacturers: Microsemi<br>In Stock: New original, 800 pcs Stock Available.<br>Quote: <input type="text"/> RFQ |
| <br><b>APT40G100AN</b><br>Description: APT40G100AN APT TO-3<br>Manufacturers: APT<br>In Stock: New original, 500 pcs Stock Available.<br>Quote: <input type="text"/> RFQ            | <br><b>APT40N60B2CF</b><br>Description: APT40N60B2CF APT TO-247Max<br>Manufacturers: APT<br>In Stock: New original, 200 pcs Stock Available.<br>Quote: <input type="text"/> RFQ            | <br><b>APT40GR120B2D30</b><br>Description: IGBT 1200V 88A 500W TO247<br>Manufacturers: Microsemi<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ   |



**IC Components Limited**  
WWW.IC-COMPONENTS.COM

Email: [Info@IC-Components.com](mailto:Info@IC-Components.com)  
TEL: 00 852 - 30501935  
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong