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|---|--|----------------------------------|
|   | <h2 style="color: red;">APTGT75A120T1G</h2>  |                                  |
|   | <b>Manufacturer Part Number:</b>   | <a href="#">APTGT75A120T1G</a>   |
|  | <b>Manufacturer/Brand:</b>   | <a href="#">Microsemi</a>        |
|   | <b>Part of Description:</b>  | POWER MOD IGBT TRENCH PH LEG SP1 |
| <b>Datasheets:</b>  | <a href="#">1.APTGT75A120T1G.pdf</a><br><a href="#">2.APTGT75A120T1G.pdf</a>                       |                                  |
| <b>RoHs Status:</b>   |  Lead free / RoHS |                                  |
| <b>Stock Condition:</b>   | Compliant<br>New original, Stock Available.  |                                  |
| <b>Ship From:</b>   | Hong Kong  |                                  |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS  |                                  |

### Specifications

|   |  |
|---|--|
| Part Number                                 | <a href="#">APTGT75A120T1G</a>   |
| Manufacturer                                | <a href="#">Microsemi</a>  |
| Description                                 | POWER MOD IGBT TRENCH PH LEG SP1   |
| Category                                    | <a href="#">Discrete Semiconductor Products &gt; Transistors - IGBTs -</a> |
| Part Status                                 | <a href="#">Require For Quote &amp; Check Stock</a>                        |
| Series                                      | -  |
| Operating Temperature                       | -40°C ~ 150°C (TJ)   |
| Mounting Type                               | Chassis Mount  |
| Power - Max                                 | 357W   |
| Configuration                               | Half Bridge  |
| Package / Case                              | SP1  |
| Supplier Device Package                     | SP1  |
| Current - Collector (Ic) (Max)              | 110A   |
| Voltage - Collector Emitter Breakdown (Max) | 1200V  |
| Current - Collector Cutoff (Max)            | 250µA  |
| IGBT Type                                   | Trench Field Stop  |
| Vce(on) (Max) @ Vge, Ic                     | 2.1V @ 15V, 75A  |
| Input Capacitance (Cies) @ Vce              | 5.34nF @ 25V   |
| Input                                       | Standard   |
| NTC Thermistor                              | Yes  |

APTGT75A120T1G is New Original in Stock, Search APTGT75A120T1G Datasheets, PDF, Inventory at Y-IC.com Online, Order APTGT75A120T1G Microsemi with warrantied and confidence.  
RFQ APTGT75A120T1G : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested

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|---|---|--|---|
| <p>In:</p>  <p><b>APTGT75DA120T1G</b><br/>Microsemi<br/>IGBT 1200V 110A 357W SP1</p> |  <p><b>APTGT75A120TG</b><br/>Microsemi<br/>IGBT MOD TRENCH PHASE LEG SP4</p> |  <p><b>APTGT600U170D4G</b><br/>Microsemi<br/>IGBT TRENCH SGL SWITCH 1700V D4</p> |  <p><b>APTGT75A170D1G</b><br/>Microsemi<br/>IGBT MOD TRENCH PHASE LEG D1</p> |
|  <p><b>APTGT75DA120D1G</b><br/>Microsemi<br/>IGBT 1200V 110A 357W D1</p>             |  <p><b>APTGT750U60D4G</b><br/>Microsemi<br/>IGBT 600V 1000A 2300W D4</p>     |  <p><b>APTGT75A120D1G</b><br/>Microsemi<br/>IGBT MOD TRENCH PHASE LEG D1</p>     |  <p><b>APTGT600U120D4G</b><br/>Microsemi<br/>IGBT 1200V 900A 2500W D4</p>    |

### Hot Parts

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|---------------------|----------------------|---------------------|------------------------|-------------------|
| ⊕ 0402YA101GAT2A    | ➔ A2405D-1W          | ➔ AD60F10KAC        | D ADR439ARZ            | ➔ AP3844CMTR-E1   |
| ⊖ APL1117-50VC      | ⊕ APT41M80B2         | D AT90CAN64-15MT1   | ➔ B613SE-2T            | ➔ BCX56E6359      |
| ⊕ BD30ICOWHFV-GTR   | ⊖ BYM10-100-E3/96    | ⊕ CC0402ZRY5V8BB223 | ➔ CGA2B2X5R1H222K050BA | ➔ CL21C331GBANNNC |
| D CQ0402GRNPO9BN330 | ⊕ DD231N06K          | ⊖ E2E-X2MB1         | ⊕ ELM88251AA-S         | ➔ FF300R12KE4     |
| ➔ G7L-1A-B          | ➔ GRM1556T1H6R4CD01D | ⊕ IMP1232LPN        | ⊖ IRG4BC30KD           | ➔ IRL3303TR       |
| ➔ K4X56323PN-8GC6   | ➔ LA6557H-TLM-E      | D LN6401FF1833MR    | ⊕ LT1004ID-1.2         | ⊖ LT6105HMS8      |
| ⊕ MAX8888EZK15      | D MBR30200           | ➔ MDC56-16i01B      | ➔ NE38018-V68          | ➔ NJVMJB41CT4G    |
| ⊖ OM100Q05CB        | ⊕ PT7A7533W          | ➔ S1A2402C01-D0B0   | ➔ SMM766BFT-1109L      | ➔ SN54LS253J      |
| ⊕ SN74AHC125PWR     | ⊖ SPX3819S-L-1-5/TR  | ⊕ TEMSVB1C475M8R    | D TLP199D-F            | ➔ V48A5C400AL3    |
| ➔ VE-26L-MW         | ⊕ VI-J0L-IZ-01       | ⊖ VSKT26/12P        | ⊕ Z8018110FEC          | ➔ ZTW1R50515      |

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