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|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|                                                               | <b>Manufacturer Part Number:</b> <a href="#">APTGLQ40H120T1G</a>                                                                         |
|                                                                                                                                               | <b>Manufacturer/Brand:</b> <a href="#">Microsemi</a>                                                                                     |
|  <p>Not Actual Photo<br/>YIC International Co., Limited.</p> | <b>Part of Description:</b> PWR MOD IGBT4 1200V 75A SP1                                                                                  |
|                                                                                                                                               | <b>Datasheets:</b>  <a href="#">APTGLQ40H120T1G.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                                                                                                              |
| Image may be representation.<br>See specs for product details.                                                                                | <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS                                                                                               |

### Specifications

|                                             |                                                                                         |
|---------------------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                 | <a href="#">APTGLQ40H120T1G</a>                                                         |
| Manufacturer                                | <a href="#">Microsemi</a>                                                               |
| Description                                 | PWR MOD IGBT4 1200V 75A SP1                                                             |
| Category                                    | <a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - IGBTs</a> - |
| Part Status                                 | <a href="#">Require For Quote &amp; Check Stock</a>                                     |
| Series                                      | -                                                                                       |
| Operating Temperature                       | -40°C ~ 175°C (TJ)                                                                      |
| Mounting Type                               | Through Hole                                                                            |
| Power - Max                                 | 250W                                                                                    |
| Configuration                               | Full Bridge                                                                             |
| Package / Case                              | SP1                                                                                     |
| Supplier Device Package                     | SP1                                                                                     |
| Current - Collector (Ic) (Max)              | 75A                                                                                     |
| Voltage - Collector Emitter Breakdown (Max) | 1200V                                                                                   |
| Current - Collector Cutoff (Max)            | 100µA                                                                                   |
| IGBT Type                                   | Trench Field Stop                                                                       |
| Vce(on) (Max) @ Vge, Ic                     | 2.4V @ 15V, 40A                                                                         |
| Input Capacitance (Cies) @ Vce              | 2.3nF @ 25V                                                                             |
| Input                                       | Standard                                                                                |
| NTC Thermistor                              | Yes                                                                                     |

APTGLQ40H120T1G is New Original in Stock, Search APTGLQ40H120T1G Datasheets, PDF, Inventory at Y-IC.com Online, Order APTGLQ40H120T1G Microsemi with warrantied and confidence. RFQ APTGLQ40H120T1G : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested

|                                                                                                                                                                          |                                                                                                                                                       |                                                                                                                                                                    |                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>In:</b><br><br><br><br><b>APTGLQ50DDA65T3G</b><br>Microsemi<br>POWER MODULE - IGBT | <br><br><b>APTGLQ300SK120G</b><br>Microsemi<br>POWER MODULE - IGBT | <br><br><b>APTGLQ40DDA120CT3G</b><br>Microsemi<br>PWR MOD IGBT4 1200V 700A SP6 | <br><br><b>APTGLQ50H65T3G</b><br>Microsemi<br>POWER MODULE - IGBT            |
| <br><br><b>APTGLQ40HR120CT3G</b><br>Microsemi<br>PWR MOD PHASE LEG/DUAL CE SP3F       | <br><br><b>APTGLQ50TL65T3G</b><br>Microsemi<br>POWER MODULE - IGBT | <br><br><b>APTGLQ30H65T3G</b><br>Microsemi<br>POWER MODULE - IGBT              | <br><br><b>APTGLQ400A120T6G</b><br>Microsemi<br>PWR MOD IGBT4 1200V 700A SP6 |

### Hot Parts

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|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|  12101U100JAT2A     |  18121D105JAT2A     |  70MT16KB           |  AD7476AYKSZ-REEL7 |  APXH003A0X-SRZ  |
|  ASMT-RA45-AP932    |  BL24C02A-NTRC      |  BStC0366S6         |  BTA10-400B        |  C2012C0G1H271J  |
|  CC1206KKX7RCBB561  |  DMG4466SSSL-13     |  DMN7022LFG-7       |  DS1963L-F5+       |  EMK212B7224MG-T |
|  G6A-274P-ST-US-12V |  GQM1555C2D130GB01D |  GRM0335C1H680GA01D |  HNC-050P2TR       |  HUF76105SK8T    |
|  ICSS52R-01LNT      |  IRF9234NSTRRPBF    |  IRLU3636           |  IXFN36N100        |  KSC815GTA       |
|  LMSP33AB-696       |  LMV358AMU8X        |  LT1993CUD-2#TRPBF  |  MAX1922ESA+       |  MAX3232ECAE     |
|  MCD224-16I01       |  MDD172-18N01       |  MMBZ5245BLT1G      |  MT6301N/B         |  OP191GSZ        |
|  PMB3520-8V         |  PS9552L2-E3-AX     |  QT60240-ISG        |  RK7002BMT166      |  RT8288AZSP      |
|  ST72F321AR9TC      |  SXB-2089Z          |  TD75N1400KOF       |  TL7733BIDRG4      |  TS4851EIJT      |
|  URAM2C23           |  V40120C-M3/4W      |  VDZT2R12B          |  WM8718GEFL/V      |  WSL1206R1000FEA |

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