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|---|---|
|   | <b>Manufacturer Part Number:</b> <a href="#">APTGL700SK120D3G</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 840A D3   |
|   | <b>Datasheets:</b>  <a href="#">APTGL700SK120D3G.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="#">APTGL700SK120D3G</a>  |
| Manufacturer                                | <a href="#">Microsemi</a>   |
| Description                                 | PWR MOD IGBT4 1200V 840A D3   |
| 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                               | Chassis Mount   |
| Power - Max                                 | 3000W   |
| Configuration                               | Single  |
| Package / Case                              | Module  |
| Supplier Device Package                     | D3  |
| Current - Collector (Ic) (Max)              | 840A  |
| Voltage - Collector Emitter Breakdown (Max) | 1200V   |
| Current - Collector Cutoff (Max)            | 5mA   |
| IGBT Type                                   | Trench Field Stop   |
| Vce(on) (Max) @ Vge, Ic                     | 2.2V @ 15V, 600A  |
| Input Capacitance (Cies) @ Vce              | 37.2nF @ 25V  |
| Input                                       | Standard  |
| NTC Thermistor                              | No  |

APTGL700SK120D3G is New Original in Stock, Search APTGL700SK120D3G Datasheets, PDF, Inventory at Y-IC.com Online, Order APTGL700SK120D3G Microsemi with warrantied and confidence. RFQ APTGL700SK120D3G : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested

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|---|--|---|--|
| <b>In:</b><br><br><br><br><b>APTGL90DA120T1G</b><br>Microsemi<br>MOD IGBT 1200V 110A SP1 | <br><br><b>APTGL60H120T3G</b><br>Microsemi<br>MOD IGBT 1200V 80A SP3    | <br><br><b>APTGL60TL120T3G</b><br>Microsemi<br>POWER MODULE IGBT 1200V<br>60A SP3 | <br><br><b>APTGL700DA120D3G</b><br>Microsemi<br>PWR MOD IGBT4 1200V 840A D3 |
| <br><br><b>APTGL90DDA120T3G</b><br>Microsemi<br>MOD IGBT 1200V 110A SP3                  | <br><br><b>APTGL700U120D4G</b><br>Microsemi<br>IGBT 1200V 910A 3000W D4 | <br><br><b>APTGL90A120T1G</b><br>Microsemi<br>MOD IGBT 1200V 110A SP1             | <br><br><b>APTGL60DSK120T3G</b><br>Microsemi<br>MOD IGBT 1200V 80A SP3      |

### Hot Parts

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|---|--|---|---|--|
|  06031U3R0DAT4A        |  08051A0R8BAT4A       |  ACML-7400         |  AE58256AK-15       |  AU02YC104KA76A   |
|  B39871-B8534-P810-S05 |  BD3870FS-FE2         |  CC0603JRNPO0BN220 |  CL21B154KBFNFNE    |  DS2761BE+025/TR  |
|  EC20QS03L             |  F1892CAD1600         |  FC1610-BC-AL-01   |  FD600R17KF6C-B2    |  FGA90N30TU       |
|  GRJ219R72A471KE01D    |  GRM21BR61E475KA12K   |  HD64F38004H10     |  IHLP1212BZERR36M11 |  IRS2330DSPBF.    |
|  L03S200D15WM          |  LD06CA220KAB1A       |  LMV611MFX         |  LS410860           |  LTC1645IS        |
|  LTV-817S1-TA          |  M74HC132B1           |  MC33272AD         |  MC9S08JR12FAE      |  MDD31288N        |
|  MTC70A1200V           |  NC7SP08FHX           |  P4SMA440AHE3      |  PI3L100QEX         |  RLZTE-1118C      |
|  RLZTE-119.1B          |  RT8561AGQW           |  S-8261DAM-M6T1U   |  S-875042GUP        |  SI4836DY-T1-E3.  |
|  SKD60/14              |  SLF12575T-2R7N7R0-PF |  SMDT-90H-12       |  TDA4822G           |  TMK063ABJ104KP-F |
|  TPCC8062-H            |  TPS76333DBVTG4       |  VUO50-16NO3       |  WG10042F           |  ZXTP25040DFHTA   |

Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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