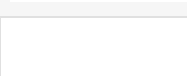
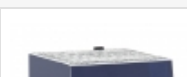


QS4A205QG8

|                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div>                                                                              | <div><div><b>Part Number:</b> <a href="#">QS4A205QG8</a></div><div><b>Manufacturer:</b> <a href="#">IDT (Integrated Device Technology)</a></div><div><b>Description:</b> IC MUX/DEMUX QUAD SPDT 16QSOP</div><div><b>Data sheet:</b>  <a href="#">IDT Suffixes</a><br/> <a href="#">IDTQS4A205</a></div></div> | <div><b>RoHs Status:</b> Lead free / RoHS Compliant</div> <div><b>Ship From:</b> Hong Kong</div> <div><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</div> |
| <div>Images are for reference only.<br/>See Product Specifications for product details.<br/>Buy QS4A205QG8 with confidence from Component-World.HK, 1 Year Warranty</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <div>Request For Quotation</div>                                                                                                                       |

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                    |                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | QS4A205QG8                                | Manufacturer                       | <a href="#">IDT (Integrated Device Technology)</a>         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MUX/DEMUX QUAD SPDT 16QSOP             | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 52148 pcs                                 | Data sheet                         | <a href="#">IDT Suffixes</a><br><a href="#">IDTQS4A205</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 5V                                                         |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Switch Time (Ton, Toff) (Max)      | 6ns, 6ns                                                   |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SPDT                                      | Supplier Device Package            | 16-QSOP                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Packaging                          | Tape & Reel (TR)                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16-SSOP (0.154", 3.90mm Width)            | Other Names                        | IDTQS4A205QG8<br>IDTQS4A205QG8-ND                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                         | On-State Resistance (Max)          | 17 Ohm                                                     |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4                                         | Multiplexer/Demultiplexer Circuit  | 2:1                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Manufacturer Standard Lead Time    | 10 Weeks                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Detailed Description               | 4 Circuit IC Switch 2:1 17 Ohm 16-QSOP                     |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2nA                                       | Crosstalk                          | -100dB @ 5MHz                                              |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.5pC                                     | Channel-to-Channel Matching (ΔRon) | -                                                          |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5.6pF, 7.4pF                              | Base Part Number                   | IDTQS4A205                                                 |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 830MHz                                    |                                    |                                                            |
| <div>Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IDT (Integrated Device Technology) series electronic components. We have 52148 pieces of IDT (Integrated Device Technology) QS4A205QG8 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br/>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a></div> |                                           |                                    |                                                            |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                                     |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">QS4A205QG</a><br>Description: IC MUX/DEMUX QUAD SPDT 16QSOP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS40.244</a><br>Description: DIN RAIL PWR SUPPLY 960W 24V 40A    | Manufacturers: <a href="#">PULS</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A215Q1G</a><br>Description: IC MUX/DEMUX DUAL 4X1 48QVSOP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A215Q1G8</a><br>Description: IC MUX/DEMUX DUAL 4X1 48QVSOP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS40.241</a><br>Description: DIN RAIL PWR SUPPLY 960W 24V 40A    | Manufacturers: <a href="#">PULS</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A210QG</a><br>Description: IC SWITCH DUAL SP4T 16QSOP         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A110QG</a><br>Description: IC SWITCH 24QSOP                   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A105QG8</a><br>Description: IC SWITCH DUAL 4PST 20QSOP        | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A201QG8</a><br>Description: IC CROSSPOINT SWITCH 4X1 24QSOP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A101QG8</a><br>Description: IC SWITCH QUAD SPST 16QSOP        | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A201QG</a><br>Description: IC CROSSPOINT SWITCH DUAL 24QSOP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">MC74LVX4066MG</a><br>Description: IC MUX/DEMUX QUAD 1X1 14SOEIAJ | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">QS40.484</a><br>Description: DIN RAIL PWR SUPPLY 960W 48V 20A    | Manufacturers: <a href="#">PULS</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">DG442LDJ-E3</a><br>Description: IC SWITCH SPST 30 OHM 16DIP      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A110QG8</a><br>Description: IC SWITCH 24QSOP                  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A105QG</a><br>Description: IC SWITCH DUAL 4PST 20QSOP         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS40.481</a><br>Description: DIN RAIL PWR SUPPLY 960W 48V 20A    | Manufacturers: <a href="#">PULS</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A210QG8</a><br>Description: IC SWITCH DUAL SP4T 16QSOP        | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS4A101QG</a><br>Description: IC SWITCH QUAD SPST 16QSOP         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">QS40.361</a><br>Description: DIN RAIL PSU 480W 36V 13.3A         | Manufacturers: <a href="#">PULS</a>                                 | <div>RFQ</div> |

|                                               |                        |                                               |                                       |
|-----------------------------------------------|------------------------|-----------------------------------------------|---------------------------------------|
| Related keywords for <b>QS4A205QG8</b>        |                        |                                               |                                       |
| IDT (Integrated Device Technology) QS4A205QG8 | QS4A205QG8 distributor | QS4A205QG8 supplier                           | QS4A205QG8 price                      |
| QS4A205QG8 download datasheet                 | QS4A205QG8 datasheet   | QS4A205QG8 stock                              | buy QS4A205QG8                        |
| IDT (Integrated Device Technology) QS4A205QG8 | IDT QS4A205QG8         | IDT (Integrated Device Technology) QS4A205QG8 | IDT, Integrated Device Technology Inc |
|                                               |                        |                                               | QS4A205QG8                            |
| Integrated Device Technology (IDT) QS4A205QG8 |                        |                                               |                                       |

