



Sharp Microelectronics


PC825Y

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| Part Number: | PC825Y |
| Manufacturer/Brand: | Sharp Microelectronics |
| Product description: | OPTOISOLATOR 5KV 2CH DARL 8DIP |
| Datasheets: |  PC825Y.pdf |
| RoHS Status: |  Contains lead / RoHS non-compliant |
| Stock Condition: | 6098 pcs stock |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.













Specifications of PC825Y

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| PART NUMBER | PC825Y |
| MANUFACTURER | Sharp Microelectronics |
| DESCRIPTION | OPTOISOLATOR 5KV 2CH DARL 8DIP |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant |
| QUANTITY AVAILABLE | 6098 pcs |
| DATA SHEET |  PC825Y.pdf |
| VOLTAGE - OUTPUT (MAX) | 35V |
| VOLTAGE - ISOLATION | 5000Vrms |
| VOLTAGE - FORWARD (VF) (TYP) | 1.2V |
| VCE SATURATION (MAX) | 1V |
| TURN ON / TURN OFF TIME (TYP) | - |
| SUPPLIER DEVICE PACKAGE | 8-DIP |
| SERIES | - |
| RISE / FALL TIME (TYP) | 60µs, 53µs |
| PACKAGING | Tube |
| PACKAGE / CASE | 8-DIP (0.300", 7.62mm) |
| OUTPUT TYPE | Darlington |
| OTHER NAMES | 425-1480-5 |
| OPERATING TEMPERATURE | -30°C ~ 100°C |
| NUMBER OF CHANNELS | 2 |
| MOUNTING TYPE | Through Hole |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant |
| INPUT TYPE | DC |
| DETAILED DESCRIPTION | Optoisolator Darlington Output 5000Vrms 2 Channel 8-DIP |
| CURRENT TRANSFER RATIO (MIN) | 600% @ 1mA |
| CURRENT TRANSFER RATIO (MAX) | - |
| CURRENT - OUTPUT / CHANNEL | 80mA |
| CURRENT - DC FORWARD (IF) (MAX) | 50mA |

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|  <p>PC824 Manufacturers: Sharp Microelectronics Description: OPTOISOLATOR 5KV 2CH TRANS 8DIP In stock: 4182 pcs</p> <p>RFQ</p> |  <p>PC824A Manufacturers: Sharp Microelectronics Description: OPTOISOLATOR 5KV 2CH TRANS 8DIP In stock: 6756 pcs</p> <p>RFQ</p> |
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