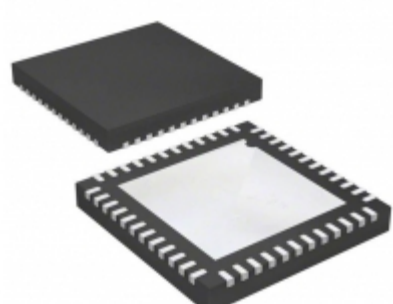


L6370Q



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: L6370Q

Manufacturer: STMicroelectronics

Description: IC IPS SGL HISIDE 2.5A 48VFQFPN

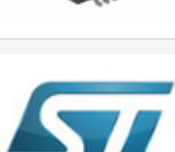
Data sheet:  L6370Q

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    |                                 |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                               | L6370Q                                                             | Manufacturer                    | STMicroelectronics         |
| Description                                                                                                                                                                                                                                                                                                                                                                                               | IC IPS SGL HISIDE 2.5A 48VFQFPN                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                        | 24973 pcs                                                          | Data sheet                      | L6370Q                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs)                                          | Voltage - Supply (Vcc/Vdd)      | Not Required               |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                            | 9.5 V ~ 35 V                                                       | Switch Type                     | General Purpose            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                   | 48-QFN (7x7)                                                       | Series                          | -                          |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                              | 100 mOhm                                                           | Ratio - Input:Output            | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                 | Tray                                                               | Package / Case                  | 48-VFQFN Exposed Pad       |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                               | N-Channel                                                          | Output Configuration            | High Side                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                     | -25°C ~ 125°C (TJ)                                                 | Number of Outputs               | 1                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                                                      | Manufacturer Standard Lead Time | 14 Weeks                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                         | Interface                       | On/Off                     |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                | Differential                                                       | Features                        | Status Flag                |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                          | Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO | Current - Output (Max)          | 2.5A                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                          | L6370                                                              |                                 |                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all STMicroelectronics series electronic components. We have 24973 pieces of STMicroelectronics L6370Q 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: info@Components-World.com |                                                                    |                                 |                            |

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|------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------|-----|
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|  | Part#: L6362A<br>Description: IC TXRX 1/1 IO-LINK 12VFDFPN          | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6382D<br>Description: IC PFC/BALLAST CONTROLLER 20SOIC      | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6377D<br>Description: IC INTELLIGENT PWR SWITCH 14SOIC      | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6360TR<br>Description: IC TXRX IO-LINK 26VFQFPN             | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6362ATR<br>Description: IC TXRX IO-LINK COMM VFDFPN 12L     | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6360<br>Description: IC IPS IO MASTER PORT 26VFDFPN         | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6382D5<br>Description: IC PMU MICROCTRL BALLAST 20-SOIC     | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6370L<br>Description: IC IPS MONO 2.5A 11-MULTIWATT         | Manufacturers: STMicroelectronics | RFQ |
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|  | Part#: L6375D<br>Description: IC IPS 0.5A IND 20-SOIC               | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6376D<br>Description: IC IPS QUAD 0.5A 20-POWERSOIC         | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6375S<br>Description: IC IPS 0.5A HIGH SIDE 8SOIC           | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6370QTR<br>Description: IC IPS SGL HISIDE 2.5A 48VFQFPN     | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6374FP013TR<br>Description: IC LINE DRIVER IND QUAD 20SOIC  | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6375D013TR<br>Description: IC DRIVER IPS 0.5A IND 20SOIC    | Manufacturers: STMicroelectronics | RFQ |
|  | Part#: L6375STR<br>Description: IC DRIVER HI SIDE 0.5A IPS 8SOIC    | Manufacturers: STMicroelectronics | RFQ |

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