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| L6377D | |
| Part Number | L6377D |
| Manufacturer | STMicroelectronics |
| Description | IC INTELLIGENT PWR SWITCH 14SOIC |
| Quantity Available | 63 pcs in stock |
| Datasheets | L6377D.pdf |
| L6377D Price | Request Price & Lead Time Online or Email us: Info@ariat-tech.com |


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| Technical Information of L6377D | | | |
|----------------------------------|--|---------------------------------|---|
| Manufacturer Part Number | L6377D | Category | Integrated Circuits (ICs) |
| Manufacturer | STMicroelectronics | Description | IC INTELLIGENT PWR SWITCH 14SOIC |
| Package / Case | Tube | Quantity Available | 63 |
| Voltage - Supply (Vcc/Vdd) | Not Required | Voltage - Load | 8 V ~ 35 V |
| Switch Type | General Purpose | Supplier Device Package | 14-SO |
| Series | - | Rds On (Typ) | - |
| Ratio - Input:Output | 1:1 | Packaging | Tube |
| Package / Case | 14-SOIC (0.154", 3.90mm Width) | Output Type | N-Channel |
| Output Configuration | High Side | Other Names | 497-1434-5 |
| 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 | Non-Inverting | Features | Status Flag |
| Fault Protection | Current Limiting (Fixed), Over Temperature, UVLO | Current - Output (Max) | 500mA |
| Base Part Number | L6377 | | |

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| Related parts for L6377D | | | | |
|--------------------------|------------------------------|----------------------------------|--------------------|------------|
| Image | Part Number | Description | Manufacturer | Quantity |
| | L6374FP | IC LINE DRIVER QUAD IND 20-SOIC | STMicroelectronics | 899 pcs |
| | L6375D | IC IPS 0.5A IND 20-SOIC | STMicroelectronics | 37 pcs |
| | L6382D5 | IC PMU MICROCTRL BALLAST 20-SOIC | STMicroelectronics | 201 pcs |
| | L6376PD | L6376PD ST | ST | 2947 pcs |
| | L6384D013TR | IC DRIVER HALF BRIDGE HV 8SOIC | STMicroelectronics | 2840 pcs |
| | L6376D013TR | IC DRVR QUAD HISIDE .5A 20-PSOIC | STMicroelectronics | 1080 pcs |
| | L6384E | IC DRVR HALF BRIDGE HV 8-DIP | STMicroelectronics | 500 pcs |
| | L6382D | IC PFC/BALLAST CONTROLLER 20SOIC | STMicroelectronics | 8992 pcs |
| | L6375STR | IC DRIVER HI SIDE 0.5A IPS 8SOIC | STMicroelectronics | 500 pcs |
| | L6384D | IC DRIVER HALF BRIDGE HV 8-SOIC | STMicroelectronics | 15740 pcs |
| | L6375S | IC IPS 0.5A HIGH SIDE 8SOIC | STMicroelectronics | 2000 pcs |
| | L6370QTR | IC IPS SGL HISIDE 2.5A 48VFQFPN | STMicroelectronics | 500 pcs |
| | L6382DTR | IC PWR MAGMNT MCU BALLAST SOIC20 | STMicroelectronics | 500 pcs |
| | L6376D | IC IPS QUAD 0.5A 20-POWERSOIC | STMicroelectronics | 150 pcs |
| | L6382D5TR | IC DRIVER HALF BRIDGE HV 20SOIC | STMicroelectronics | 500 pcs |
| | L6375D013TR | IC DRIVER IPS 0.5A IND 20SOIC | STMicroelectronics | 500 pcs |
| | L6374FP013TR | IC LINE DRIVER IND QUAD 20SOIC | STMicroelectronics | 500 pcs |
| | L6377D013TR | IC IPS 0.5A 14-SOIC | STMicroelectronics | 2942 pcs |
| | L6377D @@@@ | L6377D @@@@ ST | ST | 50 pcs |
| | L6384 | IC DRVR HALF BRIDGE HV 8MINIDIP | STMicroelectronics | 115500 pcs |

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