

NCP382HD15AAR2G



ON Semiconductor®



Part Number:

NCP382HD15AAR2G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC PWR DISTRIB SWITCH 2CH 8SOIC

Data sheet:

 [NCP382](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  |                                  |                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NCP382HD15AAR2G                                  | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC PWR DISTRIB SWITCH 2CH 8SOIC                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5401 pcs                                         | Data sheet                       | <a href="#">NCP382</a>                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>        | Voltage - Supply (Vcc/Vdd)       | Not Required                                         |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.5 V ~ 5.5 V                                    | Switch Type                      | General Purpose                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-SOIC                                           | Series                           | -                                                    |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 80 mOhm                                          | Ratio - Input:Output             | 1:2                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Original-Reel®                                   | Package / Case                   | 8-SOIC (0.154", 3.90mm Width)                        |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | P-Channel                                        | Output Configuration             | High Side                                            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NCP382HD15AAR2GOSDKR                             | Operating Temperature            | -40°C ~ 85°C (TA)                                    |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                       | Interface                        | On/Off                                               |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Non-Inverting                                    | Features                         | Slew Rate Controlled, Status Flag                    |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Current Limiting (Fixed), Over Temperature, UVLO | Current - Output (Max)           | 1.5A                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NCP382                                           |                                  |                                                      |
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|  | Part#: <a href="#">NCP382LD15AAGEVB</a><br>Description: BOARD EVAL LOAD SWITCH NCP382  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP382HD10AAGEVB</a><br>Description: BOARD EVAL LOAD SWITCH NCP382  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">NCP382HMN20AGEVB</a><br>Description: EVAL BOARD NCP382HMN20AG       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">NCP382HMN10AGEVB</a><br>Description: EVAL BOARD NCP382HMN10AG       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">NCP380LSN10AGEVB</a><br>Description: BOARD EVAL NCP380LSN10 LOAD SW | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP382HMN15AGEVB</a><br>Description: EVAL BOARD NCP382HMN15AG       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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