

ON Semiconductor®

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AMI Semiconductor / ON

Semiconductor

ON Semiconductor®

Image may be representation. See specifications for product details.

NCP81081MNR2G

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | NCP81081MNR2G                                                                                                       |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                                |
| Product description | IC DRIVER/MOSFET 40-QFN                                                                                             |
| Datasheets:         |  <a href="#">NCP81081MNR2G.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 4382 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

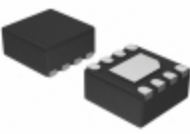
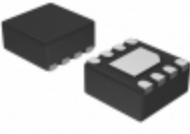
Specifications of NCP81081MNR2G

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | NCP81081MNR2G                                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                                  |
| DESCRIPTION                      | IC DRIVER/MOSFET 40-QFN                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 4382 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">NCP81081MNR2G.pdf</a> |
| VOLTAGE - SUPPLY                 | 4.5 V ~ 5.5 V                                                                                                         |
| VOLTAGE - LOAD                   | 4.5 V ~ 25 V                                                                                                          |
| TECHNOLOGY                       | Power MOSFET                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 40-QFN (6x6)                                                                                                          |
| SERIES                           | -                                                                                                                     |
| RDS ON (TYP)                     | -                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 40-VFQFN Exposed Pad                                                                                                  |
| OUTPUT CONFIGURATION             | Half Bridge                                                                                                           |
| OPERATING TEMPERATURE            | 0°C ~ 150°C (TJ)                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                         |
| LOAD TYPE                        | Inductive                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| INTERFACE                        | PWM                                                                                                                   |
| FEATURES                         | Bootstrap Circuit, Status Flag                                                                                        |
| FAULT PROTECTION                 | Over Temperature, UVLO                                                                                                |
| DETAILED DESCRIPTION             | Half Bridge Driver Synchronous Buck Converters Power MOSFET 40-QFN (6x6)                                              |
| CURRENT - PEAK OUTPUT            | 50A                                                                                                                   |
| CURRENT - OUTPUT / CHANNEL       | 35A                                                                                                                   |
| BASE PART NUMBER                 | NCP81081                                                                                                              |
| APPLICATIONS                     | Synchronous Buck Converters                                                                                           |

Related Tags

|                                                            |                                                             |                                                           |
|------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor<br>NCP81081MNR2G      | NCP81081MNR2G Distributor                                   | NCP81081MNR2G Supplier                                    |
| NCP81081MNR2G Price                                        | NCP81081MNR2G Pictures                                      | NCP81081MNR2G Image                                       |
| NCP81081MNR2G PDF Datasheet                                | NCP81081MNR2G Download Datasheet                            | NCP81081MNR2G Datasheet                                   |
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| Catalyst Semiconductor / ON Semiconductor<br>NCP81081MNR2G | PulseCore Semiconductor / ON Semiconductor<br>NCP81081MNR2G | Sanyo Semiconductor / ON Semiconductor<br>NCP81081MNR2G   |

Related Products

|                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                     |
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| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><b>NCP81081MNTWG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC DRIVER/MOSFET 40-QFN<br/>In stock: 2903 pcs</div><div>RFQ</div></div>       | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><b>NCP81080DR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: LOW-COST HIGH VOLTAGE DUA<br/>In stock: 202633 pcs</div><div>RFQ</div></div>                                             |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><b>NCP81075MTTXG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: HIGH PERFORMANCE DUAL MOS<br/>In stock: 72680 pcs</div><div>RFQ</div></div>    | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><b>NCP81101BMNTWG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG BUCK CTRL 1PH 28QFN<br/>In stock: 6559 pcs</div><div>RFQ</div></div>                                            |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><b>NCP81101BMNTXG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG BUCK CTRL 1PH 28QFN<br/>In stock: 123991 pcs</div><div>RFQ</div></div> | <div><div></div><div><b>NCP81080MNTBG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: LOW-COST HIGH VOLTAGE DUA<br/>In stock: 171964 pcs</div><div>RFQ</div></div>  |
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| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><b>NCP81101MNTXG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG BUCK CTRL 1PH 28QFN<br/>In stock: 48797 pcs</div><div>RFQ</div></div>   | <div><div></div><div><b>NCP81074BMNTBG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOSFET DVR 1CH 10A 8DFN<br/>In stock: 55790 pcs</div><div>RFQ</div></div> |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><b>NCP81075MNTXG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: HIGH PERFORMANCE DUAL MOS<br/>In stock: 93590 pcs</div><div>RFQ</div></div>    | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><b>NCP81102MNTWG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG BUCK CTRL 32QFN<br/>In stock: 5485 pcs</div><div>RFQ</div></div>                                                 |