

ON Semiconductor®  


AMI Semiconductor / ON

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NCP5901BDR2G

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | NCP5901BDR2G                                                                                                       |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                               |
| Product description | IC MOSFET DVR SYNC VR12 8-SOIC                                                                                     |
| Datasheets:         |  <a href="#">NCP5901BDR2G.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Stock Condition     | 454418 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

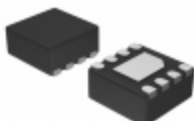
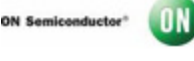
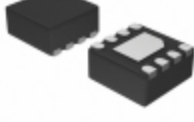
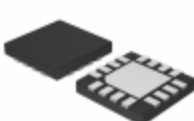
Specifications of NCP5901BDR2G

|                                      |                                                                                                                      |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | NCP5901BDR2G                                                                                                         |
| MANUFACTURER                         | AMI Semiconductor / ON Semiconductor                                                                                 |
| DESCRIPTION                          | IC MOSFET DVR SYNC VR12 8-SOIC                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                           |
| QUANTITY AVAILABLE                   | 454418 pcs                                                                                                           |
| DATA SHEET                           |  <a href="#">NCP5901BDR2G.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 13.2 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE              | 8-SOIC                                                                                                               |
| SERIES                               | -                                                                                                                    |
| RISE / FALL TIME (TYP)               | 16ns, 11ns                                                                                                           |
| PACKAGING                            | Tape & Reel (TR)                                                                                                     |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                                        |
| OTHER NAMES                          | NCP5901BDR2G-ND<br>NCP5901BDR2GOSTR                                                                                  |
| OPERATING TEMPERATURE                | 0°C ~ 150°C (TJ)                                                                                                     |
| NUMBER OF DRIVERS                    | 2                                                                                                                    |
| MOUNTING TYPE                        | Surface Mount                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                                        |
| LOGIC VOLTAGE - VIL, VIH             | 0.7V, 3.4V                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                           |
| INPUT TYPE                           | Non-Inverting                                                                                                        |
| HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)  | 35V                                                                                                                  |
| GATE TYPE                            | N-Channel MOSFET                                                                                                     |
| DRIVEN CONFIGURATION                 | Half-Bridge                                                                                                          |
| DETAILED DESCRIPTION                 | Half-Bridge Gate Driver IC Non-Inverting 8-SOIC                                                                      |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | -                                                                                                                    |
| CHANNEL TYPE                         | Synchronous                                                                                                          |
| BASE PART NUMBER                     | NCP5901                                                                                                              |

Related Tags

|                                                        |                                                         |                                                       |
|--------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor NCP5901BDR2G      | NCP5901BDR2G Distributor                                | NCP5901BDR2G Supplier                                 |
| NCP5901BDR2G Price                                     | NCP5901BDR2G Pictures                                   | NCP5901BDR2G Image                                    |
| NCP5901BDR2G PDF Datasheet                             | NCP5901BDR2G Download Datasheet                         | NCP5901BDR2G Datasheet                                |
| NCP5901BDR2G Stock                                     | Buy NCP5901BDR2G                                        | Buy AMI Semiconductor / ON Semiconductor NCP5901BDR2G |
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| AMI Semiconductor / ON Semiconductor NCP5901BDR2G      | ON Semiconductor NCP5901BDR2G                           | Aptina / ON Semiconductor NCP5901BDR2G                |
| Catalyst Semiconductor / ON Semiconductor NCP5901BDR2G | PulseCore Semiconductor / ON Semiconductor NCP5901BDR2G | Sanyo Semiconductor / ON Semiconductor NCP5901BDR2G   |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                            |
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| <div></div> <div><b>NCP585LSN09T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 0.9V 300MA SOT23-5<br/>In stock: 4678 pcs<br/>RFQ</div> | <div></div> <div><b>NCP5901BEMNTBG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOSFET DVR SYNC VR12 8-SOIC<br/>In stock: 6460 pcs<br/>RFQ</div>     |
| <div></div> <div><b>NCP5901MNTBG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOSFET DVR SYNC VR12 8-DFN<br/>In stock: 464370 pcs<br/>RFQ</div>    | <div></div> <div><b>NCP5901EMNTBG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOSFET DVR SYNC VR12 8-SOIC<br/>In stock: 3364 pcs<br/>RFQ</div>      |
| <div></div> <div><b>NCP585LSN12T1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.2V 300MA SOT23-5<br/>In stock: 3234 pcs<br/>RFQ</div>  | <div></div> <div><b>NCP5901BMNTBG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOSFET DVR SYNC VR12 8-DFN<br/>In stock: 532281 pcs<br/>RFQ</div>     |
| <div></div> <div><b>NCP5901DR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOSFET DVR SYNC VR12 8-SOIC<br/>In stock: 181492 pcs<br/>RFQ</div>    | <div></div> <div><b>NCP5890MUTXG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC LED DRIVER RGLTR 25MA 16UQFN<br/>In stock: 6745 pcs<br/>RFQ</div>      |
| <div></div> <div><b>NCP5901GMNTBG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOSFET DVR SYNC VR12 8-DFN<br/>In stock: 528651 pcs<br/>RFQ</div>   | <div></div> <div><b>NCP585LSN18T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.8V 300MA SOT23-5<br/>In stock: 307806 pcs<br/>RFQ</div> |
| <div></div> <div><b>NCP585LSN18T1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.8V 300MA SOT23-5<br/>In stock: 5068 pcs<br/>RFQ</div>  | <div></div> <div><b>NCP585LSN12T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.2V 300MA SOT23-5<br/>In stock: 305041 pcs<br/>RFQ</div> |