

ON Semiconductor®  
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Part Number: NCP1012ST100T3

Manufacturer/Brand: AMI Semiconductor / ON Semiconductor

Product description: IC OFFLINE SWIT SMPS CM SOT223

Datasheets: PDF NCP1012ST100T3.pdf

RoHs Status: Contains lead / RoHS non-compliant

Stock Condition: 4324 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of NCP1012ST100T3

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| PART NUMBER                      | NCP1012ST100T3                                    |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor              |
| DESCRIPTION                      | IC OFFLINE SWIT SMPS CM SOT223                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                |
| QUANTITY AVAILABLE               | 4324 pcs                                          |
| DATA SHEET                       | NCP1012ST100T3.pdf                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 8.5 V ~ 10 V                                      |
| VOLTAGE - BREAKDOWN              | 700V                                              |
| TOPOLOGY                         | Flyback                                           |
| SUPPLIER DEVICE PACKAGE          | SOT-223                                           |
| SERIES                           | -                                                 |
| POWER (WATTS)                    | 19W                                               |
| PACKAGING                        | Tape & Reel (TR)                                  |
| PACKAGE / CASE                   | TO-261-4, TO-261AA                                |
| OUTPUT ISOLATION                 | Isolated                                          |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                |
| MOUNTING TYPE                    | Surface Mount                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                |
| INTERNAL SWITCH(S)               | Yes                                               |
| FREQUENCY - SWITCHING            | 100kHz                                            |
| FAULT PROTECTION                 | Over Load, Over Temperature, Over Voltage         |
| DUTY CYCLE                       | 67%                                               |
| DETAILED DESCRIPTION             | Converter Offline Flyback Topology 100kHz SOT-223 |
| CONTROL FEATURES                 | -                                                 |
| BASE PART NUMBER                 | NCP1012                                           |

Related Tags

|                                                             |                                                              |                                                            |
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| AMI Semiconductor / ON Semiconductor<br>NCP1012ST100T3      | NCP1012ST100T3 Distributor                                   | NCP1012ST100T3 Supplier                                    |
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| Catalyst Semiconductor / ON Semiconductor<br>NCP1012ST100T3 | PulseCore Semiconductor / ON Semiconductor<br>NCP1012ST100T3 | Sanyo Semiconductor / ON Semiconductor<br>NCP1012ST100T3   |

Related Products

|                                                                                                                                                                            |                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><b>NCP1012APL065R2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC CTRLR/MOSFET 65KHZ 7DIPGW<br/>In stock: 3202 pcs<br/>RFQ</div>    | <div><b>NCP1012ST65T3G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC OFFLINE SWIT SMPS CM SOT223<br/>In stock: 70353 pcs<br/>RFQ</div>    |
| <div><b>NCP1012ST100T3G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC OFFLINE SWIT SMPS CM SOT223<br/>In stock: 230110 pcs<br/>RFQ</div> | <div><b>NCP1012APL130R2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC CTRLR/MOSFET 130KHZ 7DIPGW<br/>In stock: 3989 pcs<br/>RFQ</div>    |
| <div><b>NCP1012ST130T3G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC OFFLINE SWIT SMPS CM SOT223<br/>In stock: 203916 pcs<br/>RFQ</div> | <div><b>NCP1012AP133G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC OFFLINE SWIT SMPS CM OVP 7DIP<br/>In stock: 177114 pcs<br/>RFQ</div>  |
| <div><b>NCP1012ST130T3</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC OFFLINE SWIT SMPS CM SOT223<br/>In stock: 4823 pcs<br/>RFQ</div>    | <div><b>NCP1012APL100R2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC OFFLINE SW SMPS CM OVP 7DIPGW<br/>In stock: 6496 pcs<br/>RFQ</div> |
| <div><b>NCP1012ST65T3</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC OFFLINE SWIT SMPS CM SOT223<br/>In stock: 3522 pcs<br/>RFQ</div>     | <div><b>NCP1013ADAPGEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: BOARD EVAL ADAPTR 6W 12V NCP1013<br/>In stock: 827 pcs<br/>RFQ</div>   |
| <div><b>NCP1012AP133</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC OFFLINE SWIT SMPS CM OVP 7DIP<br/>In stock: 3961 pcs<br/>RFQ</div>    | <div><b>NCP1012GEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: EVAL BOARD FOR NCP1012G<br/>In stock: 904 pcs<br/>RFQ</div>                |