

## NIS5102QP1HT1

Part Number: **NIS5102QP1HT1**  
 Product Description: IC CTRL/FET HOT SWAP 12V 12-PLL  
 RoHS Status: Contains lead / RoHS non-compliant  
 Datasheets: [NIS5102QP1HT1.pdf](#)

Manufacturer/Brand: AMI Semiconductor / ON Semiconductor  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



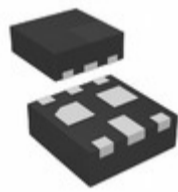
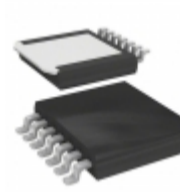
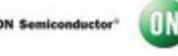
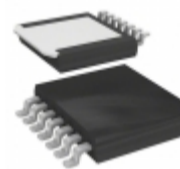


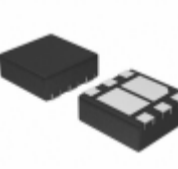


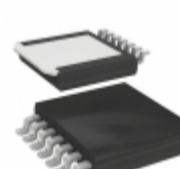

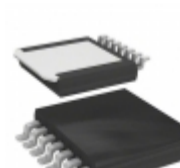
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Image may be representation.  
 See specifications for product details.

### Product details

<b>Part Number</b>	NIS5102QP1HT1	<b>Manufacturer</b>	AMI Semiconductor / ON Semiconductor
<b>Description</b>	IC CTRL/FET HOT SWAP 12V 12-PLL	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Data sheet</b>	<a href="#">NIS5102QP1HT1.pdf</a>		
<b>Voltage - Supply</b>	9 V ~ 18 V	<b>Type</b>	Hot Swap Controller
<b>Supplier Device Package</b>	12-PLL (9x9)	<b>Series</b>	SMART HotPlug™
<b>Programmable Features</b>	Current Limit, Fault Timeout, OVP, UVLO	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	12-DFN Exposed Pad	<b>Operating Temperature</b>	-40°C ~ 175°C
<b>Number of Channels</b>	1	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Internal Switch(s)</b>	Yes	<b>Features</b>	Latched Fault, Thermal Limit
<b>Feature Pins</b>	CCHARGE, (ENABLE, TIMER), ILIMIT, OVLO, UVLO	<b>Detailed Description</b>	Hot Swap Controller 1 Channel General Purpose 12-PLL (9x9)
<b>Current - Output (Max)</b>	10A	<b>Base Part Number</b>	NIS5102
<b>Applications</b>	General Purpose		

### Related Products

 <p><b>NIS1161MTTAG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: TVS DIODE 5V 26V 6WDFN                  Download: <a href="#">NIS1161MTTAG.pdf</a></p> <p><a href="#">RFQ</a></p>	 <p><b>NIS5101E1T1G</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC HOT SWAP SWITCH -48V SPAK7                  Download: <a href="#">NIS5101E1T1G.pdf</a></p> <p><a href="#">RFQ</a></p>
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