



Product Overview

NUC2401: Integrated Common Mode Choke with Integrated ESD Protection

For complete documentation, see the data sheet

Product Description

The NUC2401MN is an Integrated Common Mode Filter for the elimination of common mode noise in high speed data line applications such as IEEE1394, USB2.0 and other LVDS type applications. ESD protection is integrated into the Common mode filter for superior protection and significant part count reduction.

Features	Benefits
<ul style="list-style-type: none">• Common mode EMI Filtering and ESD Protection• Integration of 5 Discrete components• DFN: 2.0 x 2.2 mm Package• 12 kV ESD Protection per IEC6100042 (Contact Discharge)• ESD Rating: Machine Model (MM) = 1.6 kV; Human Body Model (HBM) = 16 kV• Moisture Sensitivity Level 1• This is a Pb-Free Device	<ul style="list-style-type: none">• Reduces EMI/RFI Emissions on a Data Line• Integrated Solution offers Cost and Space Savings• Integrated Solution Improves System Reliability

Applications

- High Speed Differential Data Lines
- USB2.0
- IEEE1394
- LVDS
- MIPI

For more information please contact your local sales support at www.onsemi.com

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