

Low Capacitance 4 Line EMI Filter with ESD Protection in UDFN8 Package,EMI/RFI Suppressors & Ferrites 4CH EMI FLT IN UDFN8

Manufacturers	ON Semiconductor, LLC
Package/Case	UDFN8
Product Type	EMI/RFI Components
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for NUF4001MUT2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

This device is a 4 line EMI filter array for wireless applications. Greater than -25 dB attenuation is obtained at frequencies from 800 MHz to 5.0 GHz. The NUF4001MU has a cut-off frequency of 150 MHz and can be used in applications for data rate up to 58 MHz or 116 Mbs. This UDFN package is specifically designed to enhance EMI filtering for low-profile or slim design electronics especially where space and height is a premium. It also offers ESD protection-clamping transients from static discharges. ESD protection is provided across all capacitors.

Features

EMI Filtering and ESD Protection

Reduces EMI/RFI Emissions on a Data Line

Integration of 20 Discrete Components

Integration Solution Offers Cost and Space Savings in UDFN Package and System Reliability

UDFN Package, 1.2 x 1.8 mm

Low Profile Package; Typical Height of 0.5 mm

Moisture Sensitivity Level 1

Design-Friendly and Easy-to-Use Pin Configurations, Particularly for Portable Electronics

ESD Ratings:Machine = 3B

Reduces Parasitic Inductances Which Offer a More Ideal Low Pass Filter Response

Compliance with IEC61000-4-2 (Level 4) > 14 kV (Contact)

This is a Pb-Free Device

Application

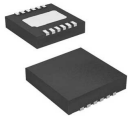
ONSEMI

Related Products



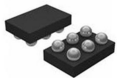
[NUF2042XV6T1G](#)

ON Semiconductor, LLC
SOT-563



[NUF6400MNTBG](#)

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DFN-12



[NUF2441FCT1G](#)

ON Semiconductor, LLC
WLCSP-6 (Flip Chip)



[NUF2101MT1G](#)

ON Semiconductor, LLC
TSOP-6



[NUF8402MNT4G](#)

ON Semiconductor, LLC
DFN-16, 4 x 1.6



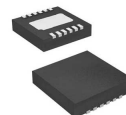
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DFNW-12