

## Product Overview

### NUF4402MN: EMI Filter, 4-Channel, with Integrated ESD Protection

For complete documentation, see the data sheet.

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 3.0 GHz. It also offers ESD protection-clamping transients from static discharges. ESD protection is provided across all capacitors.

### Features

- EMI Filtering and ESD Protection
- Integration of 12 Discrete Components
- Compliance with IEC61000-4-2 (Level 4) 8.0 kV (Contact) and 15 kV (Air)
- DFN Package, 1.6 x 1.6 mm
- Moisture Sensitivity Level 1
- ESD Ratings: Machine Model = C and Human Body Model = 3B

### Applications

- EMI Filtering and ESD Protection for Data Lines
- Wireless Phones, Handheld Products, Notebook Computers, and LCD Displays

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Interface	Number of Lines	Filter Type	R Typ (Ω)	C Typ (pF)	I <sub>R</sub> Max (μA)	V <sub>(BR)</sub> Typ (V)	V <sub>RWM</sub> Max (V)	Package Type
NUF4402MNT1G	0.16	Pb-free	Active	General I/O	4	R-C	100	12	0.1	7	5	DFN-8
		Halide free		Display Port								
SZNUF4402MNT1G		AEC Qualified PPAP Capable Pb-free Halide free	Active	Display Port General I/O	4	R-C	100	12	0.1	7	5	DFN-8

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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