

## Product Overview

### NUF6401MN: EMI Filter, 6-Channel, with Integrated ESD Protection

For complete documentation, see the data sheet.

This Device is a 6 Line EMI Filter array for wireless applications. Greater than -30 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
- AECQ101 Qualified and PPAP Capable SNUF6401
- ESD Ratings: IEC61000-4-2 (Level 4), Machine Model = C, Human Body Model = 3 B
- DFN Package, 1.35 x 3.0 mm
- Moisture Sensitivity Level 1
- ESD Ratings: Machine Model = C and Human Body Model = 3B
- This is a Pb-Free Device
- Integration of 30 Discrete Components

### Applications

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

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Interface	Number of Lines	Filter Type	R Typ ( $\Omega$ )	C Typ (pF)	$I_R$ Max ( $\mu$ A)	$V_{(BR)}$ Typ (V)	$V_{RWM}$ Max (V)	Package Type
NUF6401MNT1G	0.12	Pb-free	Active	General I/O	6	R-C	100	17	1	7	5	DFN-12
		Halide free		Display Port								
SNUF6401MNT1G	0.1	AEC Qualified PPAP Capable Pb-free Halide free	Active	General I/O Display Port	6	R-C	100	17	1	7	5	DFN-12

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

Created on: 4/10/2020