

Product Overview

NUF2114: Emi Filter, Audio, with ESD Protection

For complete documentation, see the data sheet.

This device is a 2 line audio EMI filter array designed for speaker applications. It offers greater than -30 dB attenuation at frequencies from 900 MHz to 3.0 GHz. This device also offers ESD protection-clamping transients from static discharges and ESD protection is provided across all capacitors.

Features

- Provides EMI Filtering and ESD Protection
- Integration of 10 Discretes
- Compliance with IEC61000-4-2 (Level 4), 30 kV (Contact)
- DFN8, 2x2 mm Package
- Moisture Sensitivity Level 1
- ESD Ratings: Machine Model=C and Human Body Model=3B
- Matching Series Impedances for Speaker Applications
- This is a Pb-Free Device

Applications

- MP3, PDAs, Digital Cameras, and Portable DVDs

End Products

- Wireless Phones

Part Electrical Specifications

Product	Compliance	Status	Interface	Number of Lines	Filter Type	R Typ (Ω)	C Typ (pF)	I_R Max (μ A)	$V_{(BR)}$ Typ (V)	V_{RWM} Max (V)	Package Type
NUF2114MNT1G	Pb-free Halide free	Active	Audio	2	R-C	8.4	60	0.1	15.7	12	DFN-8

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

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