

Product Overview

NSPM0051: ESD and Surge Protection

For complete documentation, see the data sheet.

ESD and Surge Protection

Features

- Protection for the following IEC Standards:
IEC61000-4-2 Level 4: ± 30 kV Contact Discharge
IEC61000-4-5 (Lightning) 70 A (8/20 μ s)
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant

Applications

- USB VBUS
- Battery Contact

End Products

- wireless

Part Electrical Specifications

Product	Compliance	Status	Interface	Number of Lines	Direction	C Max (pF)	$V_{(BR)}$ Min (V)	V_{RWM} Max (V)	I_R Max (μ A)	P_{PK} Max (W)	Package Type
NSPM0051MUT5G	Pb-free Halide free	Active	USB 2.0 USB 3.0	1	Unidirectional	16	6	5	0.1	-	UDFN-2

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

Created on: 2/21/2019