Product Overview

MC14069UB: Hex Inverter

For complete documentation, see the data sheet.

The MC14069UB hex inverter is constructed with MOS Pchannel and Nchannel enhancement mode devices in a single monolithic structure. These inverters find primary use where low power dissipation and or high noise immunity is desired. Each of the six inverters is a single stage to minimize propagation delays.

Features

- Supply Voltage Range = 3.0 Vdc to 18 Vdc
- Capable of Driving Two Low-Power TTL Loads or One Low-Power Schottky TTL Load Over the Rated Temperature Range
- Triple Diode Protection on All Inputs (see Page 5-2)
- Pin-for-Pin Replacement for CD4069UB
- Meets JEDEC UB Specifications
- Pb-Free Packages are Available*

Part Electrical Specifications

Product	Compliance	Status	Type	Channels	V_{CC} Min (V)	V_{CC} Max (V)	t_{pd} Max (ns)	I_O Max (mA)	Package Type
MC14069UBDG	Pb-free Halide free	Active	Inverter	6	3	18	100	null	SOIC-14
MC14069UBDR2G	Pb-free Halide free	Active	Inverter	6	3	18	100	null	SOIC-14
MC14069UBDTR2G	Pb-free Halide free	Active	Inverter	6	3	18	100	null	TSSOP-14
NLV14069UBDG	AEC Qualified PPAP Capable Pb-free Halide free	Active	Inverter	6	3	18	null	null	SOIC-14
NLV14069UBDR2G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Inverter	6	3	18	null	null	SOIC-14
NLV14069UBDTR2G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Inverter	6	3	18	null	null	TSSOP-14

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

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