

Product Overview

MC14007UB: Dual Complementary Pair Plus Inverter

For complete documentation, see the data sheet.

The MC14007UB multi-purpose device consists of three N-channel and three P-channel enhancement mode devices packaged to provide access to each device. These versatile parts are useful in inverter circuits, pulse-shapers, linear amplifiers, high input impedance amplifiers, threshold detectors, transmission gating, and functional gating.

Features

- Diode Protection on All Inputs
- 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
- Pin-for-Pin Replacement for CD4007A or CD4007UB
- This device has 2 outputs without ESD Protection. Anti-static precautions must be taken.
- Pb-Free Packages are Available*

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Type	V _{CC} Min (V)	V _{CC} Max (V)	t _{pd} Max (ns)	P _D Max (W)	I _O Max (mA)	Package Type
MC14007UBDG	0.1913	Pb-free Halide free	Active	Arithmetic Logic Unit	3	18	75	0.5	2.5	SOIC-14
MC14007UBDR2G	0.1044	Pb-free Halide free	Active	Arithmetic Logic Unit	3	18	75	0.5	2.5	SOIC-14
NLV14007UBDR2G	0.1907	AEC Qualified PPAP Capable Pb-free Halide free	Active	Arithmetic Logic Unit	3	18	75	0.5	2.25	SOIC-14

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

Created on: 6/4/2020