

製品概要

MC14551B: Quad 2-Channel Analog Multiplexer/Demultiplexer (Mux/Demux)

技術情報は、データシートをご参照ください。

The MC14551B is a digitally-controlled analog switch. This device implements a 4PDT solid state switch with low ON impedance and very low OFF Leakage current. Control of analog signals up to the complete supply voltage range can be achieved.

特長

- Triple Diode Protection on All Control Inputs
- Supply Voltage Range = 3.0 Vdc to 18 Vdc
- Analog Voltage Range (VDD - VEE) = 3.0 to 18 V Note: VEE must be less than or equal to VSS
- Linearized Transfer Characteristics
- Low Noise - 12 nVW sq. root Cycle, f is greater than or equal to 1.0 kHz typical
- For Low RON, Use The HC4051, HC4052, or HC4053 High-Speed CMOS Devices
- Switch Function is Break Before Make
- Pb-Free Packages are Available

電氣的仕様

製品	Compliance	Status	Channels	Number of Switches	Configuration	I _{cc} Max (μA)	r _{on} Max (Ω)	V _{CC} Min (V)	V _{CC} Max (V)	Package Type
MC14551BDG	Pb-free	Active	4	8	4PDT	600	500	3	18	SOIC-16
	Halide free									
MC14551BDR2G	Pb-free	Active	4	8	4PDT	600	500	3	18	SOIC-16
	Halide free									
NLV14551BDR2G	AEC Qualified	Active	2	4	4PDT	600	500	3	18	SOIC-16
	PPAP Capable									
	Pb-free									
	Halide free									

詳細は、弊社 www.onsemi.jp の営業または販売代理店にお問い合わせください。

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