Switches/Multiplexers

Analog Crosspoint Switches

Analog Switches

Digital Crosspoint Switches

Digital Switches

Multiplexers (Muxes)

RF Switches

All Product Categories

Design Center

Buy Online

AD7510 - DI CMOS Protected Analog Switches

Data Sheets

- Rev A, 04/2001 (pdf, 2561K) Email PDF
- Lead(Pb) - Free Data (Data Sheet Help)

Application Notes

Evaluation Boards

Product Description

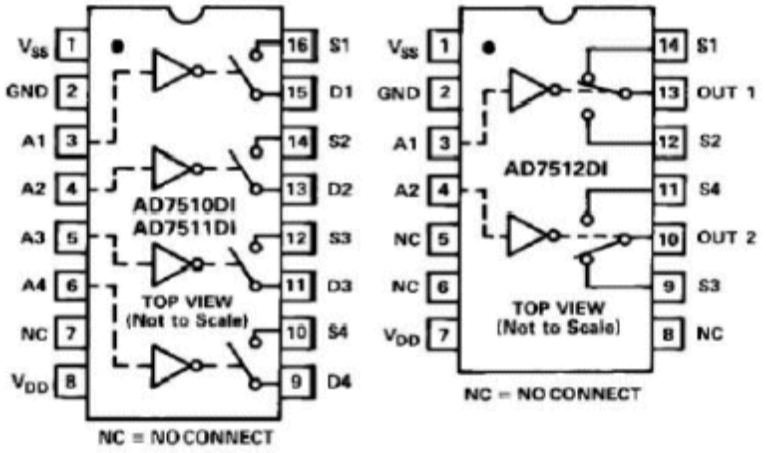
The AD7510DI, AD7511DI and AD7512DI are a family of latch proof dielectrically isolated CMOS switches featuring over-voltage protection up to ±25V above the power supplies. these benefits are...More

Specifications

Switch Type	SPST
# Channels	4
Ron	75Ohms
Id, Is (ON)	10nA
Bandwidth	n/a
t ON	180ns
t OFF	350ns
Supply Voltage	Dual (±15V)
Power Dissipation (Max)	24mW

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Functional Block Diagram



Symbols and Footprints

Features

New Analog Switches

ADG1312 - ± 15 V /12 V Quad SPST NC Switch

ADG1313 - ± 15 V /12 V Quad SPST Switch

ADG888 - 0.5 Ω 1.8V to 5.5V CMOS Dual DPDT in WLCSP/ LFCSP Package

ADG859 - 1.3 Ω CMOS, 1.8 V to 5.5 V Single SPDT Switch/2:1 MUX IN SOT-66 Package

More...

Design Tools

Utilities and Conversions

Design Tools

Design Tools

Resources

Selection Tables

Solutions Bulletins

Learn More

Signal Chains

Interactive Signal Chains

Price, Packaging, and Availability

Print Table

AD7510 Model Options

Model	Status	Package	Pins	Temp Range		Available	RoHS Compliant	Samples Cart	Purchase Cart
AD7510DIJCHIPS	Prodn	CHIPS OR DIE	-	Comm		10/28/2005		-	Add to Cart
AD7510DIJN	Prodn	16 ld PDIP	16	TBD		10/28/2005	N	-	Add to Cart
AD7510DIJN/+	Obs	16 ld PDIP	16	Comm		-	N	-	Contact ADI
AD7510DIJNZ	Prodn	16 ld PDIP	16	TBD		-	Y	-	Add to Cart
AD7510DIJP	Contact ADI	20 ld PLCC	20	Comm		-	N	-	Contact ADI
AD7510DIJQ	Prodn	16 ld CerDIP	16	TBD		10/28/2005	N	-	Add to Cart
AD7510DIJQ/+	Obs	16 ld CerDIP	16	Comm		-	N	-	Contact ADI
AD7510DIKN	Prodn	16 ld PDIP	16	Comm		10/28/2005	N	-	Add to Cart
AD7510DIKN/+	Obs	16 ld PDIP	16	Comm		-	N	-	Contact ADI
AD7510DIKNZ	Prodn	16 ld PDIP	16			-	Y	-	Add to Cart
AD7510DIKP	Prodn	20 ld PLCC	20	Comm		10/28/2005	N	-	Add to Cart
AD7510DIKP-REEL	Pre-Release	20 ld PLCC	20			-	N	-	Contact ADI
AD7510DIKPZ	Prodn	20 ld PLCC	20			-	Y	-	Add to Cart
AD7510DIKQ	Prodn	16 ld CerDIP	16	Comm		10/28/2005	N	-	Add to Cart
AD7510DIKQ/+	Obs	16 ld CerDIP	16	Comm		-	N	-	Contact ADI
AD7510DISCHIPS	Prodn	CHIPS OR DIE	-	Comm		-		-	Add to Cart
AD7510DISE/883B	Prodn	20 ld LCC	20			10/28/2005	N	-	Add to Cart
AD7510DISQ	Prodn	16 ld CerDIP	16			4/21/2006	N	-	Add to Cart
AD7510DISQ/883B	Prodn	16 ld CerDIP	16			11/25/2005	N	-	Add to Cart

The USA list pricing shown is for BUDGETARY USE ONLY, shown in United States dollars (FOB USA per unit for the stated volume), and is subject to change. International prices may differ due to local duties, taxes, fees and exchange rates. For volume-specific price or delivery quotes, please contact your local Analog Devices, Inc. sales office or authorized distributor. Pricing displayed for Evaluation Boards and Kits is based on 1-piece pricing.

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