



ULN2003AIN Information



For Reference Only

Part Number ULN2003AIN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC PWR RELAY 7NPN 1:1 16DIP

Package 16-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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ULN2003AIN Specifications

Manufacturer Part Number ULN2003AIN Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package 16-DIP (0.300", 7.62mm) Series - Switch Type Relay, Solenoid Driver Number of Outputs 7 Ratio - Input:Output 1:1 Output Configuration Low Side Output Type NPN Interface Parallel Voltage - Load 50V (Max) Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) - Input Type Inverting Features - Fault Protection - Operating Temperature -40°C ~ 105°C (TA) Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP		
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Output TypeNPNInterfaceParallelVoltage - Load50V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)-Input TypeInvertingFeatures-Fault Protection-Operating Temperature-40°C ~ 105°C (TA)Package / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PDIP	Ratio - Input:Output	1:1
Interface Parallel Voltage - Load 50V (Max) Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) - Input Type Inverting Features - Fault Protection - Operating Temperature -40°C ~ 105°C (TA) Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	Output Configuration	Low Side
Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) SomA Rds On (Typ) Input Type Inverting Features Fault Protection Operating Temperature Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package	Output Type	NPN
Voltage - Supply (Vcc/Vdd) Current - Output (Max) S00mA Rds On (Typ) Input Type Inverting Features Fault Protection Operating Temperature Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package	Interface	Parallel
Current - Output (Max) 500mA Rds On (Typ) - Input Type Inverting Features - Fault Protection - Operating Temperature -40°C ~ 105°C (TA) Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	Voltage - Load	50V (Max)
Rds On (Typ)-Input TypeInvertingFeatures-Fault Protection-Operating Temperature-40°C ~ 105°C (TA)Package / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PDIP	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Inverting Features - Fault Protection - Operating Temperature -40°C ~ 105°C (TA) Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	Current - Output (Max)	500mA
Features - Fault Protection - Operating Temperature -40°C ~ 105°C (TA) Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	Rds On (Typ)	-
Fault Protection - Operating Temperature -40°C ~ 105°C (TA) Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	Input Type	Inverting
Operating Temperature-40°C ~ 105°C (TA)Package / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PDIP	Features	-
Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	Fault Protection	-
Supplier Device Package 16-PDIP	Operating Temperature	-40°C ~ 105°C (TA)
	Package / Case	16-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	16-PDIP
		Report errors?

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ULN2003AIN Shipping Methods













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