
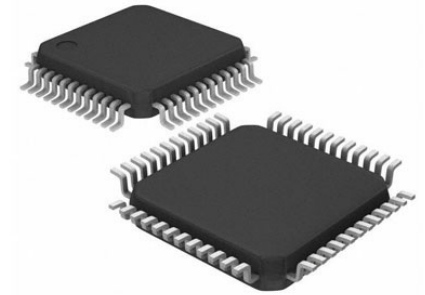


Analog Switch Octal SPST 48-Pin LQFP Tray

Manufacturer:	Microchip Technology, Inc
Package/Case:	LQFP48
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

HV230 is a low charge injection 8-channel, high-voltage, analog switch integrated circuit (IC) with bleed resistors. This device can be used in applications requiring high voltage switching controlled by low voltage control signals, such as ultrasound imaging and printers. The bleed resistors eliminate voltage built up on capacitive loads such as piezoelectric transducers. Input data is shifted into an 8-bit shift register which can then be retained in an 8-bit latch. To reduce any possible clock feed-through noise, Latch Enable (LE) should be left high until all bits are clocked in. Using HVCMOS® technology, this switch combines high voltage bilateral DMOS switches and low power CMOS logic to provide efficient control of high voltage analog signals. This IC is suitable for various combinations of high voltage supplies, e.g., VPP/VNN: +50V/-150V, or +100V/-100V.

Key Features

HVCMOS® technology for high performance

Recommended For You

HV209FG-G

Microchip Technology, Inc
LQFP48

HV20220FG-G

Microchip Technology, Inc
QFP48

HV2801K6-G

Microchip Technology, Inc
QFN

HV2221FG-G

Microchip Technology, Inc
LQFP-48

HV2301PJ-G

Microchip Technology, Inc
PLCC-28

HV2631FG-G

Microchip Technology, Inc
48LQFP

MI90869AG2

Microchip Technology, Inc
BGA

MI90812AP1

Microchip Technology, Inc
68LPLCC24.2x24.2

MI90823AL1

Microchip Technology, Inc
100-BQFP

MI8808AP

Microchip Technology, Inc
PLCC

MI8806AP

Microchip Technology, Inc
PLCC28

MI8804AE

Microchip Technology, Inc
DIP

MI8816AP

Microchip Technology, Inc
PLCC44

MI8809AP

Microchip Technology, Inc
PLCC28

MI8985AP1

Microchip Technology, Inc
PLCC