
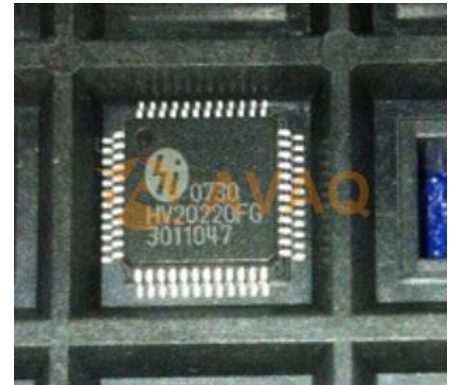


Analog Switch Octal SPST 48-Pin LQFP Tray

Manufacturer:	Microchip Technology, Inc
Package/Case:	QFP48
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

This device is a low charge injection, 8-channel, high-voltage analog switch integrated circuit (IC) intended for use in applications requiring high voltage switching controlled by low voltage control signals, such as ultrasound imaging and printers. 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 Bar (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. These ICs are suitable for various combinations of high voltage supplies, e.g., VPP/VNN : +50V/-150V, or +100V/-100V.

Key Features

HVCMOS® technology for high performance

Very low quiescent power dissipation (-10µA)

Output on-resistance typically 22Ω

Low parasitic capacitances

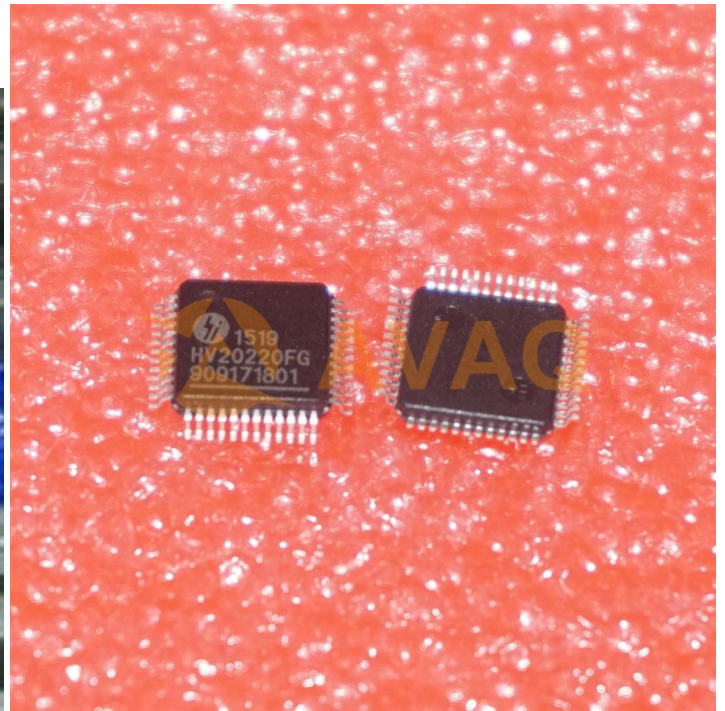
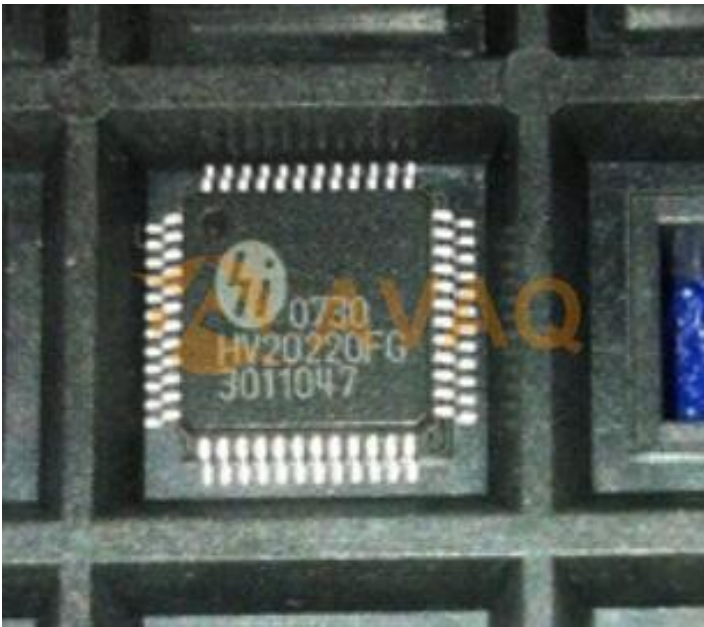
DC to 50MHz small signal frequency response

CMOS logic circuitry for low power

Excellent noise immunity

On-chip shift register, latch and clear logic circuitry

Flexible high voltage supplies



Recommended For You

HV209FG-G

Microchip Technology, Inc

LQFP48

HV2301FG-G

Microchip Technology, Inc

LQFP48

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