

Image may be representation.  
See specifications for product details.



## HV2301FG-G

Manufacturer Part Number	<b>HV2301FG-G</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-HV2301FG-G
ECAD Model	Request Free CAD Models
Parts Description	IC ULTRASOUND SWITCH 1:1 48LQFP
Package	48-LQFP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

HV2301FG-G - Microchip Technology. New Original in Stock. Download Linear Technology HV2301FG-G datasheet/specifications on AllelcoElec.com.  
Request a quote for HV2301FG-G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

HV2301FG-G Tech Specifications

HV2301FG-G - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	On-State Resistance (Max)	380hm
Voltage - Supply, Single (V+)	40V ~ 200V	Number of Channels	8
Voltage - Supply, Dual (V±)	±40V ~ 160V	Multiplexer/Demultiplexer Circuit	1:1
Switch Circuit	SPST	Mounting Type	Surface Mount
Supplier Device Package	48-LQFP (7x7)	Features	-
Series	-	Base Product Number	HV2301
Package / Case	48-LQFP	Applications	Ultrasound
Package	Tray	-3db Bandwidth	50MHz
Operating Temperature	0°C ~ 70°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology HV2301FG-G

Product Attribute				
Part Number	HV2301FG-G	HV2601FG-G	HV230GA-G	HV2201P3-G
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Features	-	-	-	-
Applications	Ultrasound	Ultrasound	Ultrasound	Ultrasound
Series	-	-	-	-
Voltage - Supply, Dual (V±)	±40V ~ 160V	±40V ~ 160V	±40V ~ 160V	±40V ~ 160V
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
On-State Resistance (Max)	380hm	380hm	380hm	190hm
Voltage - Supply, Single (V+)	40V ~ 200V	40V ~ 200V	40V ~ 200V	40V ~ 200V
Package / Case	48-LQFP	48-LQFP	26-TFBGA	28-LCC (J-Lead)
Number of Channels	8	16	8	8
Switch Circuit	SPST	SPST	SPST	SPST
Supplier Device Package	48-LQFP (7x7)	48-LQFP (7x7)	26-FBGA (6x5.35)	28-PLCC (11.5x11.5)
-3db Bandwidth	50MHz	50MHz	50MHz	50MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	HV2301	HV2601	HV230	HV2201
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Package	Tray	Tray	Tray	Tube

### HV2301FG-G Datasheet PDF

Download HV2301FG-G pdf datasheets and Microchip Technology documentation for HV2301FG-G - Microchip Technology.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[MBB/Label Chgs 16/Nov/2018.pdf](#)

### Customers Also Interested in

#### Recommended Products



**HV230G1**  
SUPERTEX



**HV2201PJ**  
Texas Instruments



**HV220M025C055ETR**  
CAPXON

**HV2601FG-G**  
Microchip Technology  
IC SWITCH SPST 38 OHM 48LQFP



**HV2301FG**  
Micrel / Microchip Technology



**HV238FG-G**  
Microchip Technology  
IC ULTRASOUND SWITCH 1:1  
48LQFP

**HV230GA-G**  
Microchip Technology  
IC ANALOG SWITCH 8CH 26FBGA



**HV2201PJ-G**  
Microchip Technology  
IC ULTRASOUND SWITCH 1:1  
28PLCC



**HV2216PJ-G**  
SUPERTEX

**HV23081-G**



**HV230B1**  
SUPERTEX



**HV2201FG-G**  
Microchip Technology  
IC ULTRASOUND SWITCH 1:1  
48LQFP

**HV23503079**  
OSRAM



**HV2221FG**  
Micrel / Microchip Technology



**HV2201FG**  
Micrel / Microchip Technology

**HV220GA**  
SUPERTEX



**HV2203BPJ**  
SUPERTEX



**HV2303FG**  
SUPERTEX

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support



The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -

 Efficient Supply Management  
 Cost-Saving Procurement  
 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone  
 +00852 9146 4856  
 Email  
 info@allelco.com

## Certifications & Memberships



[View More](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com