



Image may be representation.
See specifications for product details.



IM69D130V01XTSA1

Manufacturer Part Number	IM69D130V01XTSA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IM69D130V01XTSA1
ECAD Model	3D Model
Parts Description	MIC MEMS DIGITAL PDM OMNI -36DB
Package	
Data sheet	IM69D130.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IM69D130V01XTSA1 - Infineon Technologies.New Original in Stock. Download Linear Technology IM69D130V01XTSA1 datasheet/specifications on AllelcoElec.com.
Request a quote for IM69D130V01XTSA1, please send us email: info@allelco.com

Specifications

IM69D130V01XTSA1 Tech Specifications
IM69D130V01XTSA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Ratings	-
Voltage Range	1.62 V ~ 3.6 V	Port Location	Bottom
Type	MEMS (Silicon)	Package	Tape & Reel (TR)
Termination	Solder Pads	Output Type	Digital, PDM
Size / Dimension	0.157" L x 0.118" W (4.00mm x 3.00mm)	Height (Max)	0.051" (1.30mm)
Shape	Rectangular	Frequency Range	20 Hz ~ 20 kHz
Series	-	Direction	Omnidirectional
Sensitivity	-36dB ±1dB @ 94dB SPL	Current - Supply	1.3 mA
S/N Ratio	69dB	Base Product Number	IM69D130

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IM69D130V01XTSA1

Product Attribute				
Part Number	IM69D130V01XTSA1	SPV0842LR5H-1	SPH0644LM4H-1	SPU0414HR5H
Manufacturer	Infineon Technologies	Knowles	Knowles	Knowles
Type	MEMS (Silicon)	MEMS (Silicon)	MEMS (Silicon)	MEMS (Silicon)
Shape	Rectangular	Rectangular	Rectangular	Rectangular
Size / Dimension	0.157" L x 0.118" W (4.00mm x 3.00mm)	0.108" L x 0.073" W (2.75mm x 1.85mm)	0.138" L x 0.104" W (3.50mm x 2.65mm)	0.148" L x 0.116" W (3.76mm x 2.95mm)
Termination	Solder Pads	Solder Pads	Solder Pads	Solder Pads
Series	-	SiSonic™	SiSonic™ SPH	SiSonic™ SPU
Current - Supply	1.3 mA	185 µA	1.4 mA	350 µA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Direction	Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional
Height (Max)	0.051" (1.30mm)	0.039" (1.00mm)	0.043" (1.08mm)	0.043" (1.10mm)
S/N Ratio	69dB	62.5dB	65.5dB	-
Sensitivity	-36dB ±1dB @ 94dB SPL	-38dB ±3dB @ 94dB SPL	-37dB ±1dB @ 94dB SPL	-
Output Type	Digital, PDM	Analog	Digital, PDM	Analog
Base Product Number	IM69D130	-	-	-
Ratings	-	-	-	-
Port Location	Bottom	Bottom	Bottom	Top
Voltage Range	1.62 V ~ 3.6 V	-	1.6 V ~ 3.6 V	1.5 V ~ 3.6 V
Frequency Range	20 Hz ~ 20 kHz	50 Hz ~ 10 kHz	20 Hz ~ 10 kHz	100 Hz ~ 10 kHz

IM69D130V01XTSA1 Datasheet PDF

Download IM69D130V01XTSA1 pdf datasheets and Infineon Technologies documentation for IM69D130V01XTSA1 - Infineon Technologies.

Datasheets

[IM69D130.pdf](#)

PCN Other

[Mult Dev Lot Code Standardization 11/Nov/2022.pdf](#)

PCN Assembly/Origin



















[IM69D Wafer Site Add 13/Aug/2018.pdf](#)

PCN Design/Specification



Customers Also Interested in

Recommended Products

 IM6508MJE/883B Intersil (Renesas Electronics Corporation)	 IM6654MJG/883B Harris Corporation IC EPROM 4KBIT PARALLEL 24CERDIP	 IM6402IPL Intersil (Renesas Electronics Corporation)	 IM65X18-I/JN Intersil (Renesas Electronics Corporation)	 IM6654IJG Harris Corporation IC EPROM 4KBIT PARALLEL 24CDIP	 IM6654IJG/883B Intersil (Renesas Electronics Corporation)
 SPV0842LR5H-1 Knowles MIC MEMS ANALOG OMNI -38DB	 SPH0644LM4H-1 Knowles MIC MEMS DIGITAL PDM OMNI -37DB	 NO PICTURE IM6213 INERGY	 SPU0414HR5H Knowles SILICON MICROPHONE	 NO PICTURE IM6802 INNMAX	 NO PICTURE IM6130 IMEDIA
 NO PICTURE IM6518-1IJ	 NO PICTURE IM6654AIJG INTRSIL	 NO PICTURE IM6402CPL TNTERSIL	 IM6030 Lattice Semiconductor	 SPUL409HE5H-PB Knowles MIC MEMS ANALOG OMNI -42DB	 IM6551MDF/883 Intersil (Renesas Electronics Corporation)

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.

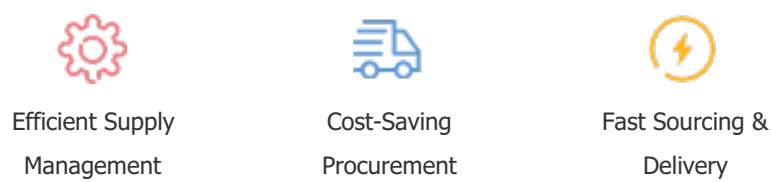
Payment Support

The payment method can be chosen from the methods shown below:

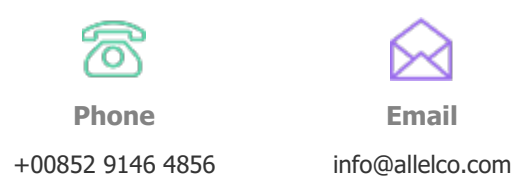
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Phone
+00852 9146 4856

Email
info@allelco.com

Certifications & Memberships



View More

Contact us

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