

MEMS Accelerometer, Dual-Axis, Analogue, X, Y, $\pm 2g$, 2.4 V, 6 V, LFCSP

Manufacturers	Analog Devices, Inc
Package/Case	16 ld LFCSP
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADXL322JCP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADXL322JCP is an integrated circuit (IC) designed by Analog Devices Inc. It is a low power, complete 3-axis accelerometer with signal conditioned voltage outputs, intended for use in various applications requiring measurement of acceleration, vibration, and shock.

Features

- Low power consumption (typically 300 μA at 3V)
- Wide measurement range: $\pm 2 g$, $\pm 4 g$, and $\pm 10 g$
- High sensitivity: up to 320 mV/g
- High resolution: 10-bit output resolution
- Robust design: MEMS sensor with a high shock survival capability
- Built-in self-test capability
- Small package size: 16-lead ceramic dual in-line package (DIP)

Application

- Motion sensing and detection in consumer electronics such as mobile phones, tablets, and gaming consoles
- Structural health monitoring of buildings, bridges, and other civil infrastructure
- Vibration and shock measurement in industrial equipment, machinery, and vehicles
- Robotics and unmanned aerial vehicles (UAVs)
- Sports and fitness monitoring devices
- Medical devices such as patient monitoring and fall detection systems



(P) CUST PROD ID: ADXL322JCP



CTRY OF ASSEMBLY:
PHILIPPINES
CTRY OF DIFF:
UNITED STATES

(Q) QTY: 750



(1T) LOT ID: 244696.1



(9D) DATE CODE: 0707



(1P) MFG NO: ADXL322JCP



Pb Free
PPBT=260°C
RoHS Compliant

MSL3

13/6/07
Passed



Related Products



[ADUM1300](#)

Analog Devices, Inc



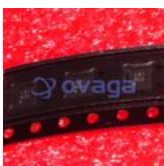
[ADG5409BCPZ](#)

Analog Devices, Inc
LFCSP-16



[ADR391AUJZ](#)

Analog Devices, Inc
SOT23-5



[ADM7171ACPZ](#)

Analog Devices, Inc
LFCSP8



[ADL5310ACPZ](#)

Analog Devices, Inc
LFCSP-24



[ADG3308BCPZ](#)

Analog Devices, Inc
20LFCSP



[ADCMP600BKSZ](#)

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SC-70-5



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