LM360M/NOPB

Comparator Single ±6.5V 8-Pin SOIC Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	8-SOIC
Product Type:	Linear Displacement Sensors
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active

Images are for reference only

Inquiry

General Description

ADC12xJ800-Q1 is a family of quad, dual and single channel, 12-bit, 800 MSPS analog-to-digital converters (ADC). Low power consumption, high sampling rate and 12-bit resolution makes the ADC12xJ800-Q1 suited for light detection and ranging (LiDAR) systems. The ADC12xJ800-Q1 is qualified for automotive applications.

Full-power input bandwidth (-3 dB) of 6 GHz provides flat frequency response for frequency modulated continuous wave (FMCW) LiDAR systems and provides a narrow impulse response for pulse-based systems. The full-power input bandwidth also enables direct RF sampling of of L-band and S-band.

Key Features

Tight delay matching on both outputs

High input impedance

Low speed variation with overdrive variation

Low input offset voltage

Series 74 TTL compatible

Green product and no Sb/Br

Recommended For You

LM311MX

Texas Instruments, Inc

SOP8

LMV7219M5

Texas Instruments, Inc

SOT23-5

LM348D

Texas Instruments, Inc

SOP-14

LM224N

Texas Instruments, Inc

DIP14

LM239J

Texas Instruments, Inc

CDIP14

LMV331M5

Texas Instruments, Inc

SOT23-5

LM393ADR

Texas Instruments, Inc

SOP8

LM293DR

Texas Instruments, Inc

SOP8

LM293D

Texas Instruments, Inc

SOP8

LMV824MTX

Texas Instruments, Inc

TSSOP

LMV358M

Texas Instruments, Inc

SOP8

LMV321M5

Texas Instruments, Inc

SOT23-5

LM741H

Texas Instruments, Inc

CAN8

LM193AH

Texas Instruments, Inc

CAN8

LM111H/NOPB

Texas Instruments, Inc

CAN8