DSP56321VF240

Data Sheet

Digital Signal Processor 56321FC240

Manufacturers	NXP Semiconductor
Package/Case	MAPBGA-196
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for DSP56321VF240 or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

DSP56321VF240 is a digital signal processor (DSP) that was developed by Freescale Semiconductor, now part of NXP Semiconductors. It is a high-performance, low-power DSP with a 24-bit fixed-point architecture.

Features

A 24-bit fixed-point arithmetic unit with a 24-bit ALU

A 24-bit barrel shifter

A 24-bit MAC unit

64K words of on-chip program memory and 80K words of on-chip data memory

Two 8-channel DMA controllers

A variety of serial communication interfaces, including I2S, I2C, and SPI

A flexible interrupt controller with 64 interrupt sources

Application

DSP56321VL240

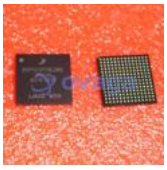
DSP56321VL240B

DSP56321VL240C

DSP56321VL240E

DSP56321VL240F

Related Products



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NXP Semiconductor

196-BGA

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