

Digital Signal Controller, MC56F84xx Series, 100 MHz, 256 KB, 86 I/O's, CAN, I2C, SPI, UART

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	TQFP100
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC56F84789VLL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

MC56F84789VLL is a microcontroller from NXP Semiconductors (formerly Freescale Semiconductor) belonging to the 56800/E family. It is a 16-bit digital signal controller (DSC) with a high-performance core that combines digital signal processing (DSP) and microcontroller (MCU) capabilities.

Features

32-bit CPU core running at up to 100 MHz

Up to 256 KB of flash memory and up to 48 KB of RAM

Integrated peripherals such as ADCs, DACs, PWMs, timers, and communication interfaces (UART, SPI, I2C)

Enhanced DMA (Direct Memory Access) controller

Power-saving modes

Application

MC56F84789VLH

MC56F84789VLF

MC56F84789VFT

MC56F84789VFK

MC56F84789VFM

MC56F84789VLD

MC56F84789VFX

MC56F84789VFMVLD



Related Products



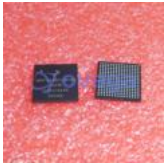
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



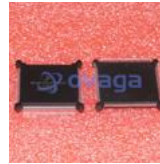
[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



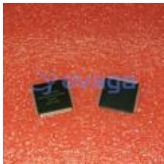
[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44