

Digital Signal Controller, MC56F82xx Series, 100 MHz, 64 KB, 39 I/O's, CAN, I2C, SPI, SCI, 1 V

Manufacturers	NXP Semiconductor
Package/Case	QFP48
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC56F82746VLF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC56F82746VLF is a digital signal controller (DSC) manufactured by NXP Semiconductors. It is a member of the 56F82xx series of DSCs and is specifically designed for motor control applications.

Features

32-bit core running at up to 80 MHz

256 KB flash memory

32 KB data memory

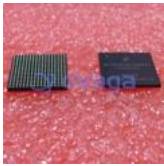
Two 12-bit analog-to-digital converters (ADCs)

Sixteen 16-bit pulse-width modulation (PWM) channels

Integrated communication peripherals such as UART, SPI, I2C, and CAN

Motor control-specific features such as hardware-based motor control functions, position sensor interfaces, and fault protection mechanisms.

Related Products



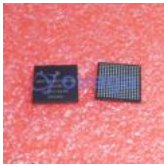
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



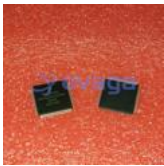
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