


MCU 16-bit MSP430 RISC 92KB Flash 2.5V/3.3V 64-Pin LQFP Tray

Manufacturer:	Texas Instruments, Inc
Package/Case:	QFP64
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

Key Features

- 16-bit RISC architecture, 62.5ns instruction cycle time
- 3-channel internal DMA
- 12-bit ADC with internal reference, sample-and-hold and autoscan feature
- Dual 12-bit DAC with synchronization
- 16-bit Timer_A with 3 Capture/Compare registers
- 16-bit Timer_B with 7 Capture/Compare registers
- On-chip comparator
- Enhanced UART supporting auto-baudrate detection
- IrDA Encoder and decoder
- Synchronous SPI
- Supply voltage supervisor/monitor with programmable level detection
- Brownout detector
- Bootstrap loader
- Serial on-board programming
- No external programming voltage needed
- Programmable code protection by security fuse
- 365µA at 1MHz, 2.2V Active mode (AM) power consumption



Recommended For You

TMS320DM642AZNZ6

Texas Instruments, Inc
BGA

TMS320C31PQA40

Texas Instruments, Inc
QFP

TMS320C6726BRFP266

Texas Instruments, Inc
QFP144

MSP430F147IPM

Texas Instruments, Inc
QFP64

MSP430F135IPMR

Texas Instruments, Inc
LQFP64

TMS320DM648ZUTD9

Texas Instruments, Inc
BGA

TMS320C203PZ80

Texas Instruments, Inc
QFP

MSP430G2452IPW20

Texas Instruments, Inc
TSSOP20

MSP430G2231IPW14R

Texas Instruments, Inc
TSSOP14

TMS320F28027PTT

Texas Instruments, Inc
LQFP48

TMS5703137DZWTQQ1

Texas Instruments, Inc
NFBGA-337

TMS34010FNL-40

Texas Instruments, Inc
PLCC

TMS320C6670ACYP A2

Texas Instruments, Inc
FCBGA84

TMS320VC5402APGE16

Texas Instruments, Inc
LQFP-144

TMS320DM642AGDKA5

Texas Instruments, Inc
FCCSP(GDK)