STM32 F3 SERIES DISCOVERY KIT

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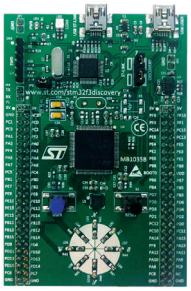


Features
- STM32F303VCT6 microcontroller w/ 256 KB Flash, 48 KB RAM in an LQFP100 package
- On-board ST-LINK/V2 w/ a standalone mode for programming and debugging
- Power through USB bus or external 3 / 5 V supply
- L3GD20 MEMs 3-axis digital output gyroscope
- LSM303DLHC MEMs system-in-package w/ 3D acceleration and magnetic sensor
- Ten LEDs and pushbuttons
- USB USER with Mini-B connector
- Extension header for all LQFP100 I/Os

STM32F3DISCOVERY helps you to discover the STM32 F3 series Cortex-M4 mixed-signals features and to develop your applications easily. It includes everything required for beginners and experienced users to get started quickly. Based on the STM32F303VCT6, it includes an ST-LINK/V2 embedded debug tool, accelerometer, gyroscope and e-compass ST MEMs, USB connection, LEDs and pushbuttons.

Mfg. Part No.	Stock No.	Price Each 1+
● STM32F3DISCOVERY	43W6526	14.74

PIM_208039

STELLARIS - LM3S8962 ETHERNET+CAN EVALUATION KIT

Texas Instruments Authorized Distributor

RoHS Compliant Available

Features:
- Stellaris LM3S2965 microcontroller with fully-integrated CAN module
- Standalone CAN device board using Stellaris LM3S2110 microcontroller
- Simple setup: USB cable provides serial communication, debugging, and power
- OLED graphics display
- User LED, navigation switches, and select pushbuttons
- Magnetic speaker
- LM3S2965 I/O available on labeled break-out pads
- Standard ARM® 20-pin JTAG debug connector with input and output modes
- USB interface for debugging and power supply

Kit contents
- USB cable
- 20-pin JTAG/SWD target cable
- 10-pin CAN cable
- Retracting Ethernet cable
- CD containing documentation, evaluation software, quickstart guide, Stellaris Driver Library and example source code

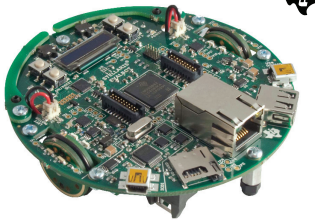
The Stellaris® LM3S8962 Ethernet+CAN Evaluation Kit is a compact and versatile evaluation platform for the Stellaris LM3S8962 ARM® Cortex™-M3-based microcontroller. The evaluation kit design highlights the LM3S8962 microcontroller's integrated CAN and 10/100 Ethernet controllers.

Mfg. Part No.	Description	Stock No.	Price Each 1+
● EKT-LM3S8962	With Code Red Technologies Red Suite	45P3419	---

PIM_138974

Stellaris® EVALBOT ROBOTIC EVALUATION KIT WITH FIVE TOOL OPTIONS

Texas Instruments Authorized Distributor



Features
- Evaluation board with robotic capabilities
- Mechanical components assembled by user
- Stellaris® LM3S9B92 microcontroller
- MicroSD card connector
- I2S audio codec with speaker
- USB Host and Device connectors
- RJ45 Ethernet connector
- Bright 96 x 16 blue OLED display
- On-board In-Circuit Debug Interface (ICDI)
- Battery power (3 AA batteries) or power through USB
- Wireless communication expansion port
- Two DC gear-motors provide drive and steering
- Opto-sensors detect wheel rotation with 45° resolution
- Sensors for "bump" detection

▶ CONTINUED ▶

Stellaris® EVALBOT ROBOTIC EVALUATION KIT WITH FIVE TOOL OPTIONS (CONT.)

EVALBOT is a Stellaris® LM3S9B92 EVALBOT robotic evaluation board supported by StellarisWare® and for use with Keil Tools, IAR Tools, CodeSourcery Tools, Code Red Technology, or Code Composer Studio as a robotic evaluation platform for the Stellaris LM3S9B92 microcontroller. Experience the Stellaris ARM Cortex-M3-based LM3S9B92 microcontroller in real-world applications that leverage the processor's integrated 10/100 Ethernet MAC/PHY, USB On-The-Go, CAN, and motion control capabilities. The board also features a range of analog components for motor drive, power supply, and communications functions. After a few minutes of assembly, the EVALBOT´s electronics are ready-to-run.

Mfg. Part No.	Description	Stock No.	Price Each 1+
EKT-EVALBOT	W/ Code Red Technology Tools	39T0827	---
EKC-EVALBOT	W/ Code Sourcery Tools	39T0823	---
EKI-EVALBOT	W/ IAR Tools	39T0824	---
EKK-EVALBOT	W/ Keil Tools	39T0825	---
EKB-UCOS3-BNDL	W/ Micrium's µC/OS-III: The Real-Time Kernel Book	84R8216	---

PIM_196582

TMS320F28335 EZDSP STARTER KIT

Texas Instruments Authorized Distributor

Features
- TMS320F28335 Floating-Point Digital Signal Controller(DSC)
- 150 MHz operation
- 512 KB on-chip flash memory
- 68 KB on-chip RAM
- 12-bit ADC with 16 input channels
- 128k x 16 off-chip SRAM
- Clamshell socket for the F28335 DSC
- RS-232 interface with on-board transceiver and 9-pin DSUB connector
- CAN interface with on-board transceiver and 9-pin DSUB connector
- Multiple expansion connectors provide access to all F28335 I/O signals
- Embedded USB JTAG Controller
- Operates from a single 5V supply with provided AC adapter
- IEEE 1149.1 JTAG emulation connector
- Code Composer Studio Integrated Development Environment for C2000 including C compiler, assembler, linker, real-time debug support, data visualization, a profiler and a flexible project manager.
- eZdsp diagnostic software, including test examples for UART, CAN, I2C, and memory
- Texas Instruments' Flash APIs to support the F28335
- Texas Instruments' F28335 header files and example software

Kit Contents
- Code Composer Studio v3.3 for C2000, eZdsp diagnostic software, and code examples on CD
- Quick Start Guide
- Target board for the F28335 DSC
- Technical Reference Manual
- USB Cable
- Universal 5v power supply w/ power cord

The **F28335** eZdsp starter kit is a complete software development platform for the **TMS320F2833x** series of floating-point Digital Signal Controllers. The eZdsp kit includes an **F28335** target board that features integrated JTAG emulation, 128Kx16 asynchronous SRAM, CAN 2.0 and RS-232 interfaces, and expansion headers that provide access to all **F28335** I/O signals. Also included in the kit is the Code Composer Studio Integrated Development Environment, USB interface to the host PC, and a universal power supply.

Mfg. Part No.	Stock No.	Price Each 1+
TMDSEZ28335	12P7914	---

PIM_102146

TMS320F2812 eZdsp™ STARTER KIT

Texas Instruments Authorized Distributor

Features
- 18K words RAM
- 128K words on chip Flash ROM
- 64K words on board RAM
- 5V only operation with supplied adapter
- 3 Expansion connectors
- Onboard IEEE 1149.1 JTAG controller
- Onboard IEEE 1149.q JTAG emulation
- Compatible with Spectrum Digital Flash programming utilities

Kit contents
- TMS320F2812 Digital Signal Processor
- Code Composer Studio for eZdsp
- Power cord

The F2812 eZdsp™ is an excellent platform to develop, demonstrate, and run software for the F2812 digital signal processor, offering stand alone capability to determine if this DSP meets application requirements by examining certain characteristics. With a single chip parallel port to onboard JTAG scan controller, no additional development tools, such as emulators, are needed.

Mfg. Part No.	Description	Stock No.	Price Each 1+
TMDSEZS2812	eZdsp Starter Kit - 64K words of External Memory	01J0911	---

PIM_105689