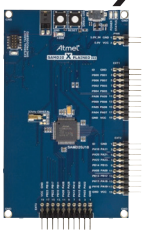
SAM D20 XPLAINED PRO EVALUATION KIT

Features:
- SAMD20J18 Cortex-M0+ MCU
- Xplained Pro extension headers
- Embedded Debugger
- 32.768kHz crystal
- Program/debug interface for external targets

The SAM D20 Xplained Pro evaluation kit is ideal for evaluation and prototyping with the SAM D20 Cortex™-M0+ processor-based microcontrollers. Extension boards to the SAM D20 Xplained Pro can be purchased individually.

The ATSAMD20-XPRO evaluation kit does not include extension boards.



Mfg. Part No.	Stock No.	Price Each 1+
ATSAMD20-XPRO	95W9928	66.30

PIM_212479

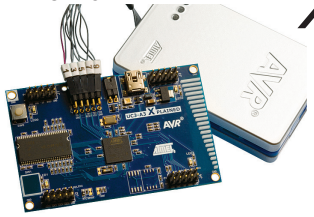
STK600 AVR STARTER KIT

STK600 is a complete starter kit and development system for the 8-bit and 32-bit AVR microcontrollers that gives designers a quick start to develop code on the AVR, with advanced features for prototyping and testing new designs. The AVR device connects to the board using an innovative routing and socketcard sandwich system, which routes the signals from the device to the appropriate hardware. The system consists of a generic socketcard, on which the AVR device is inserted, and a device specific signal routing card, which routes the signals from the socket pins to the different functions on the main board dependant on the device.

Mfg. Part No.	Stock No.	Price Each 1+
ATSTK600	68T3413	267.74

PIM_197941

UC3-A3 XPLAINED EVALUATION KIT

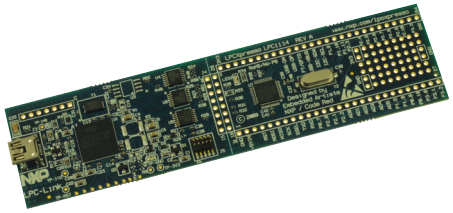


The **UC3-A3 Xplained** kit features the AT32UC3A3256 device which is optimized for high speed communication and protocol conversion. The AVR device offers a Hi-Speed USB device and mini host, 256KB Flash, 128KB of high speed SRAM, external SDRAM and NAND Flash ports, dual SD card ports and a rich selection of communication ports. The **UC3-A3 Xplained kit** features a Hi-Speed USB Port, one 64Mbit SDRAM, four LEDs, QTouch slider and button, NTC temperature sensor, analog filter, and 4 I/O expansion ports. The kit can be programmed and debugged using any AVR debugger, including the JTAGICEmkII and AVR ONE.

Mfg. Part No.	Stock No.	Price Each 1+
AT32UC3A3-XPLD	68T4493	---

PIM_197934

LPCXPRESSO EVALUATION BOARDS FOR LPC SERIES MCUS



Target Board

Features
- Eclipse-based IDE using very low-cost target boards.
- The target boards comes with an integrated JTAG Debugger. No need for a separate debug probe!
- Easy upgrade options to full-blown suites (from Code Red) and hardware kits (from Embedded Artists).
- End-to-end solution for creating applications all the way from evaluation through to production.

LPCXpresso™ is a low-cost development platform supporting ARM-based LPC microcontrollers. LPCXpresso is an end-to-end solution enabling embedded engineers to develop their applications from initial evaluation to final production. The platform is comprised of a simplified Eclipse-based IDE and low-cost target boards which include an attached JTAG debugger. Designed for simplicity and ease of use, the LPCXpresso IDE (powered by Code Red) will provide software engineers a quick and easy way to develop their applications.

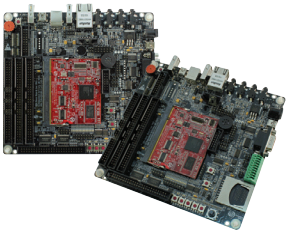
CONTINUED

LPCXPRESSO EVALUATION BOARDS FOR LPC SERIES MCUS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each 1+
OM11083,598	EA LPCXpresso BaseBoard	72R6117	---
OM13035,598	LPCXpresso Board for LPC1115	46W5453	---
OM11048,598	LPCXpresso Board for LPC1343	72R6114	---
OM13045,598	LPCXpresso Board for LPC1347	46W5461	20.19
OM13053,598	LPCXpresso Board for LPC812	48W7346	---
OM13009,598	LPCXpresso Motor Control Kit	46W5432	---

PIM_178495

LPC177x/178x EVALUATION BOARD MODULES



OM13001 Kit Contents:
- One LPC1788 OEM Board
- One OEM Base Board
- One USB cable, type A to mini-B
- Headset with microphone
- LPC1788 OEM Board Datasheet
- LPC1788 OEM Board Schematics
- Links to datasheets for key components, Software examples

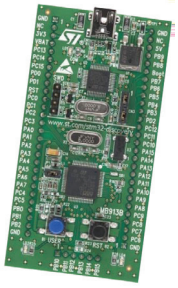
OM13020 Kit Contents:
- LPC1788-SK Evaluation Board
- IAR J-Link Lite for ARM
- IAR Embedded Workbench for ARM 32K limited edition
- IAR visualSTATE 20-state evaluation edition
- Example applications from IAR
- Example code from NXP
- RTOS board support

The EA LPC177x/8x Evaluation Board allows you to quickly and easily evaluate the LPC177x/8x family of microcontrollers. The microcontroller, board, and the accompanying features make it a great starting point for your next Cortex-M3 project.

Mfg. Part No.	Stock No.	Price Each 1+
OM13001,598	46W5428	---
OM13020,598	46W5440	---

PIM_210290

STM32 VALUE LINE DISCOVERY KIT



Features
- 128 KB Flash, 8 KB RAM in 64-pin LQFP MCU
- On-board ST-Link with selection mode switch
- Can be powered by USB or an external supply of 5 V or 3.3 V
- Can supply target application with 5 V and 3 V
- Two user LEDs (green and blue)
- One user push button
- Extension header for all QFP64 I/Os

The STM32VLDISCOVERY is a low-cost and quick way to discover the STM32 value line. It includes everything required for beginners and experienced users to get started quickly. The STM32 value line Discovery includes an STM32F100 value line microcontroller in a 64-pin LQFP and an incircuit ST-Link debugger / programmer to debug Discovery applications and other target board applications. A large number of free ready-to-run application firmware examples are available on www.st.com/stm32-discovery to support quick evaluation and development using the LEDs, button and extension header for connection to other boards or devices.

Mfg. Part No.	Description	Stock No.	Price Each 1+
STM32VLDISCOVERY	Stm32 value line discovery kit	21T4023	8.78

PIM_189991