

SAM3S-EK2

This kit lets designers quickly evaluate and develop code for applications running on Atmel SAM3S microcontrollers.

Key Features

- SAM3SD8 LQFP100 chip with optional socket footprint
- 12 MHz crystal
- 32.768 KHz crystal
- Optional SMB connector for external system clock input
- NAND Flash
- 2.8 inch TFT color LCD display with touch panel and backlight
- UART port with level shifter circuit
- USART port with level shifter circuit multiplexed with RS485 port with level shifter circuit
- Microphone input and mono/stereo headphone jack output
- SD/MMC interface
- Reset button: NRST
- User buttons: Left and Right
- QTouch® buttons: Up, Down, Left, Right, Valid and Slider
- Full Speed USB device port
- JTAG/ICE port
- On-board power regulation
- Two user LEDs
- Power LED
- BNC connector for ADC input
- BNC connector for DAC output
- User potentiometer connected to the ADC input
- ZigBEE connector
- 2x32 bit PIO connection interfaces (PIOA, PIOC) and 1x16 bit PIO connection interface (PIOB)

Ordering code: ATSAM3S-EK2