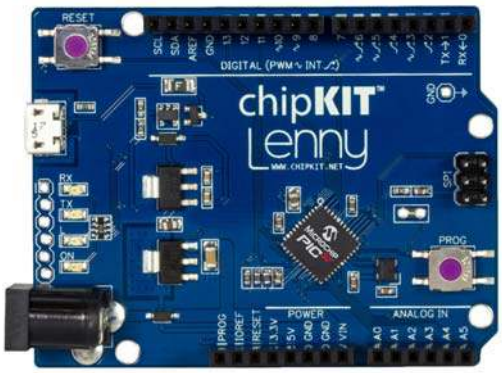
chipKIT Lenny Development Board

Part Number: TCHIP005



The chipKIT Lenny was inspired by the Arduino Leonardo, and adds additional capabilities afforded by its 32-bit microcontroller. The Lenny has 27 available I/O lines, 6 of which can be used as analog inputs. Based on the 32-bit PIC32MX270F256D microcontroller, operating at 3.3 volts and 40 MHz. Direct access to the USB peripheral controller enables the Lenny to emulate many types of USB devices; note that this functionality will be available in a future library.

Features

- 256K of Flash, 64K of RAM
- Two I2S/SPI modules for Codec and serial communications
- Parallel Master Port (PMP) for graphics interfaces
- Charge Time Measurement Unit (CTMU)
- Two UART and I2C™ modules
- Five 16-bit Timers/Counters (two 16-bit pairs combine to create two 32-bit timers)
- Five Capture inputs and Five Compare/PWM output