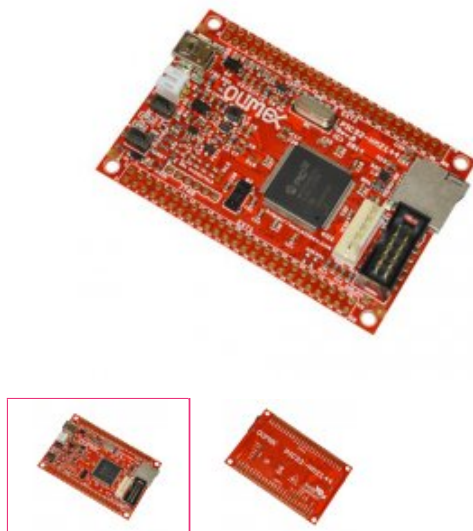## PIC32-HMZ144

DEVELOPMENT BOARD WITH PIC32MZ2048ECG RUNNING AT 200MHZ AND WITH 2MB OF FLASH AND 512KB SRAM

PIC32MZ series are high performance MIPS core processors from Microchip with 10-bit, 500 KSPS, 48-channel ADC module, MMU for real time OS support, CAN, UART, I2C, PMP, EBI, SQI & Analog Comparators, SPI/I2S interfaces for audio processing and playback, Hi-Speed USB 2.0 Device/Host/OTG, 10/100 Mbps Ethernet MAC with MII and RMII interface.

FEATURES

PIC32MZ2048ECG144 512KB RAM 2MB Flash
USB-OTG
uSD card
ICSP for debug and programming
JTAG pins exposed on 0.1" step 6 pins
EXT1 and EXT2 50 pin 0.1" connectors for all PIC ports
RESET and USER buttons
PWR and STATUS LEDs
LiPo battery charger and connector
UEXT connector
Dimensions: 77 x 52 mm