

# EV-MSCC0835

Compact LWIR Imager  
Core Evaluation Kit

NEW  
PRODUCT

## Key Features

Contemporary Communication  
and Debug Interfaces

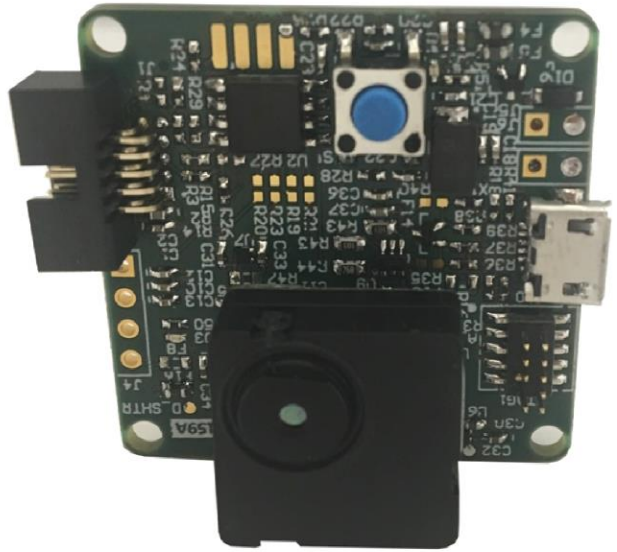
MSCC0835 Compact LWIR Imager  
Core

USB powered Dual Core MCU with  
External Flash Memory

Cross Platform Compatible API

All-in-one solution for IR camera  
developers

Individual ARM Cortex® Core  
dedicated to kit user



## Technical Specifications

Compatible Hardware	MSCC0835, MSCC0835RF, EX-MSCC0835RF
Physical Interfaces	10-pin Mini IDC (SPI, I2C, UART), 4-pin Header (Debug UART), 4-pin smd pads for digital IO
Programmability	ARM JTAG/ USB Programmable via Mikrosens Software
Electrical Power	< 500mW, USB, 2-pin header or 10-pin IDC powered
Electrical Interface	UART, SPI, I2C, SCT IO and USB Command & Communication Interfaces
Software	Available with advanced image processing capabilities and cross platform API
Platform	Compatible with any MS Windows®, Linux, MacOS powered hardware with USB 2.0 interface and most of the IOS® and Android® powered mobile phones and tablets
Weight	< 20gr with MSCC0835 Compact LWIR Imager Core
Physical Dimensions	35mm x 35mm x 15mm (h)

- Availability
- Pre-tested evaluation kits will be available as engineering samples @ Q1/2017
  - Reference camera design, example firmware, and universal API will be available @ Q1/2017