

# RA Ecosystem Partner Solution

## M13DESIGN / M13-RA6M3-EK

### RA6M3 Evaluation Board



#### Solution Summary

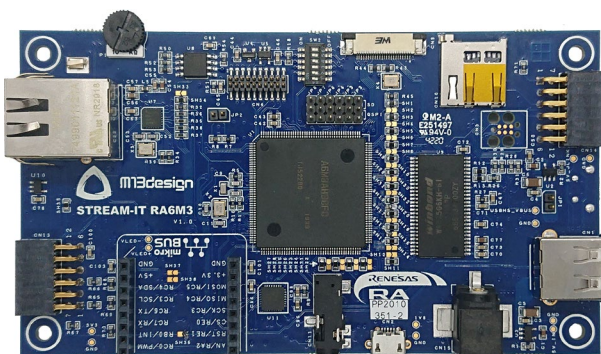
The **M13-RA6M3-EK** is a complete evaluation and development hardware platform for the Renesas Electronics® based RA6M3 Cortex®-M4 R7FA6M3AH3CFC microcontroller including a wide range of features such as Ethernet, Audio Codec and many more.

#### Features/Benefits

- R7FA6M3AH3CFC MCU (LQFP176)
- Graphic features
  - 4.3-inch 480x272 TFT LCD with cap. touch panel
  - 8bit camera Interface
- On-Board debugger: Jink OB with SWD & VCOM capability
- LAN Interface (RMII)
- USB Interface (Hi-Speed & Full Speed)
- Expansion connectors: MikroBUS™ & PMOD™
- And many more on-board features to discover...

#### Diagrams/Graphics

Component Side View



LCD Side View



#### Target Markets and Applications

- Industrial Controls
- Smart Home
- Home Appliance
- Smart Buildings
- Consumer Electronics



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