Matchbox Demo User Manual Intelligent Proximity Sensing



Matchbox Demo Manual

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1. Demo Kit Contents

Sensor demo with Micro USB jack







USB cable









2. Getting Started

Use the battery pack or USB cable to power the demo.

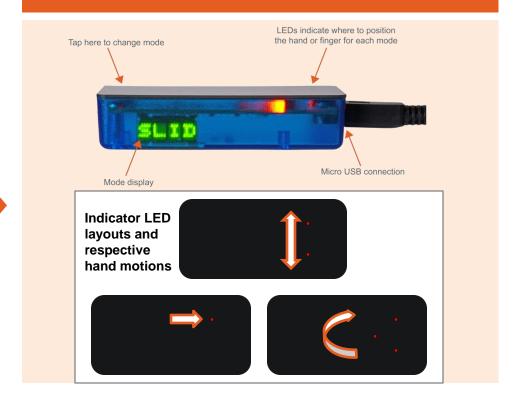
1a. Battery Pack

- Insert AAA batteries in the battery pack
- Connect the battery pack to the demo
- Switch on battery pack

1b. USB Cable

- Connect the USB cable to demo and a computer
- See 4. Software Installation and 5. Graphical User Interface

2. Operating the demo

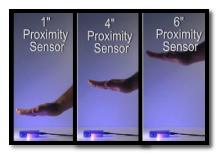




3. Modes

Proximity sensing (1", 4" & 6")

Place hand over indicator LED at respective distance for on. Remove hand for off.



Slide

Slide finger across the two indicator LEDs for on. Slide finger across in the opposite direction for off.



Rotary

Rotate finger counter clockwise around the three indicator LEDs to increase brightness. Rotate finger clockwise to reduce brightness.



Touch

Tap indicator LED to turn on/off. Hold finger down to increase/ decrease brightness.



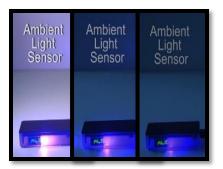
Wave

Wave hand left- rightleft once for on. Wave a second time for off.



Ambient Light Sensor

Ambient light will increase brightness. The reduction of ambient light will decrease brightness.

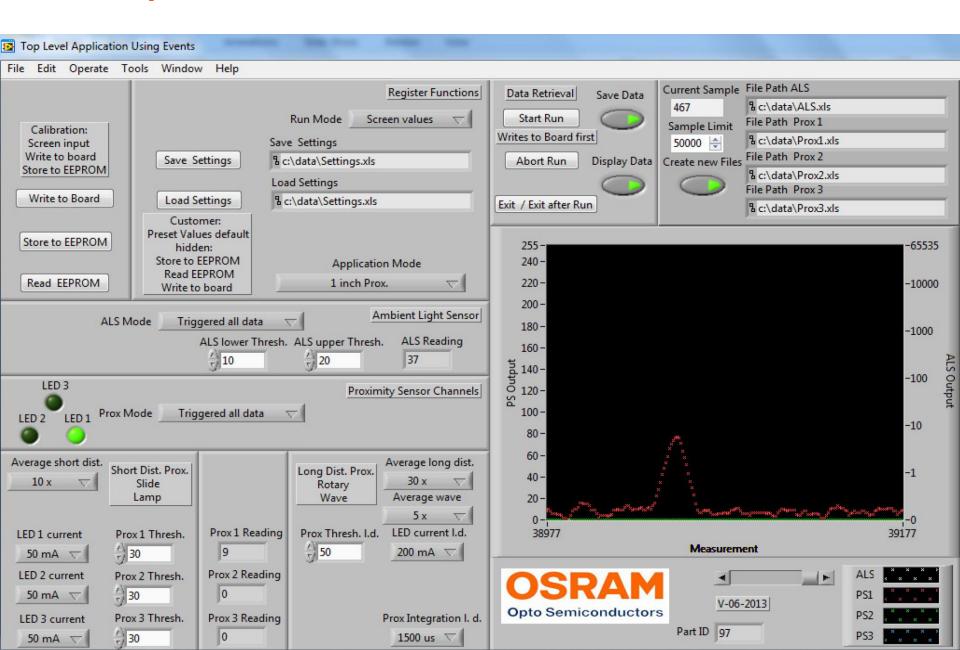


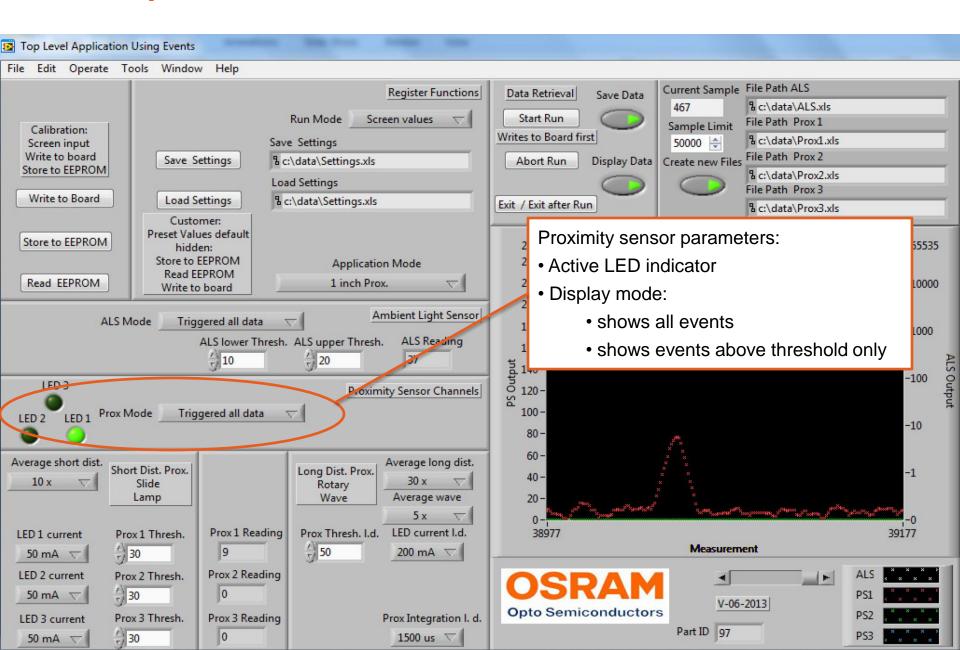


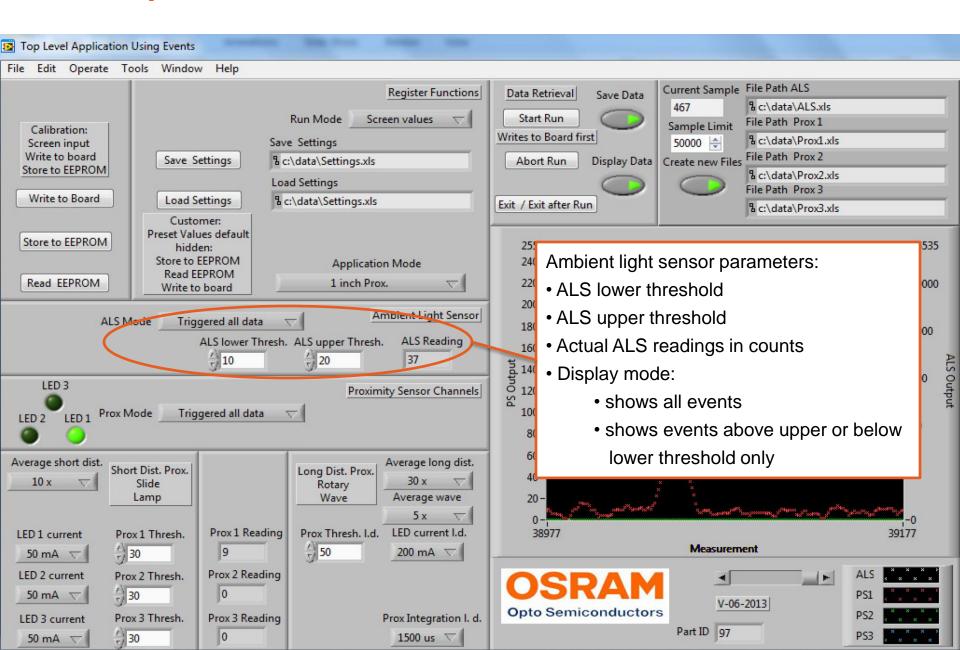
4. Software Installation

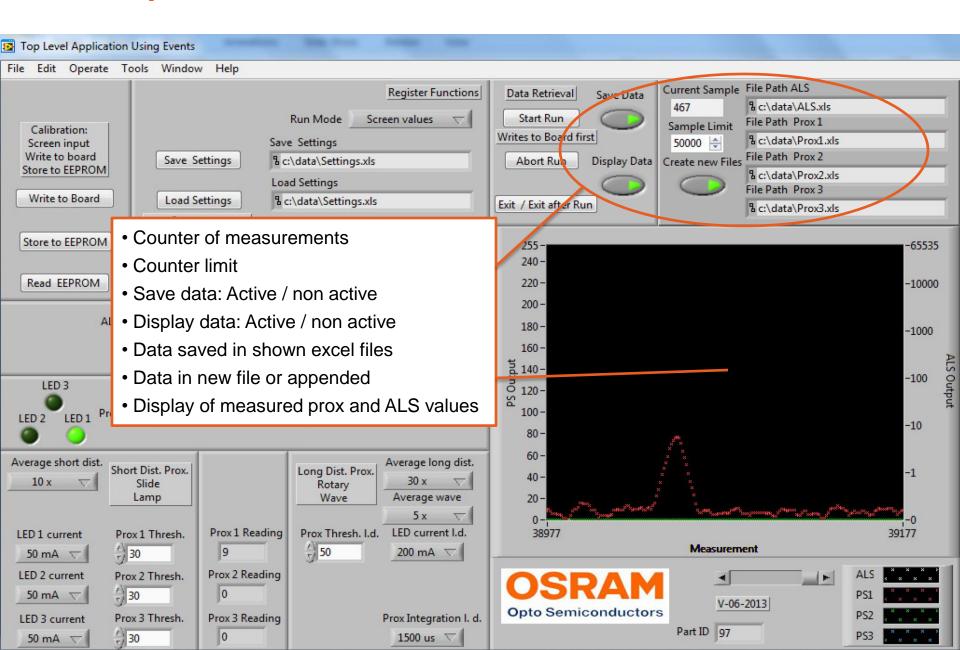
Go to: http://ledlight.osram-os.com/matchboxdemo

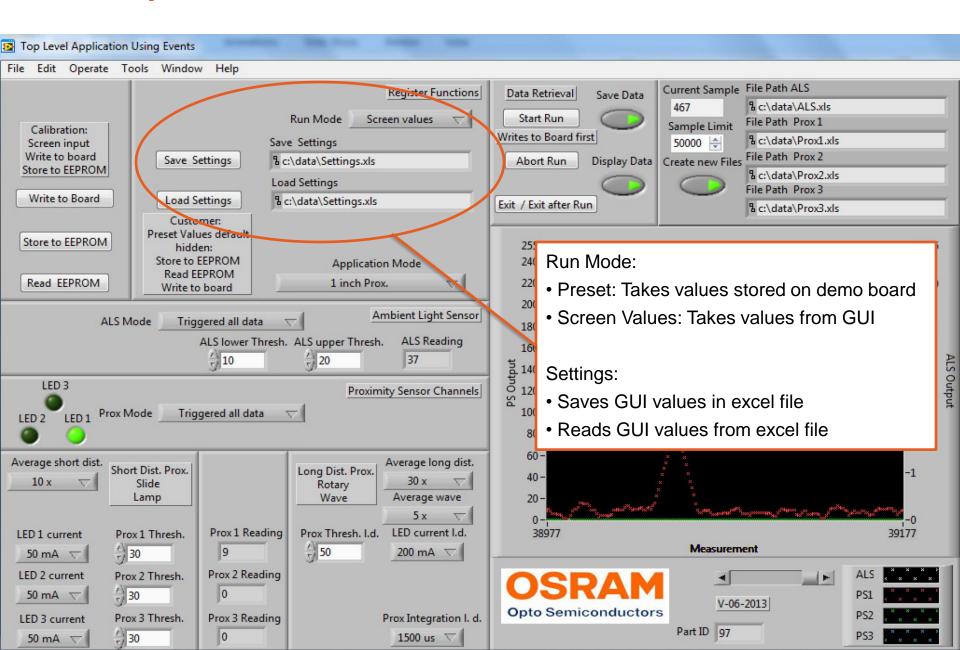


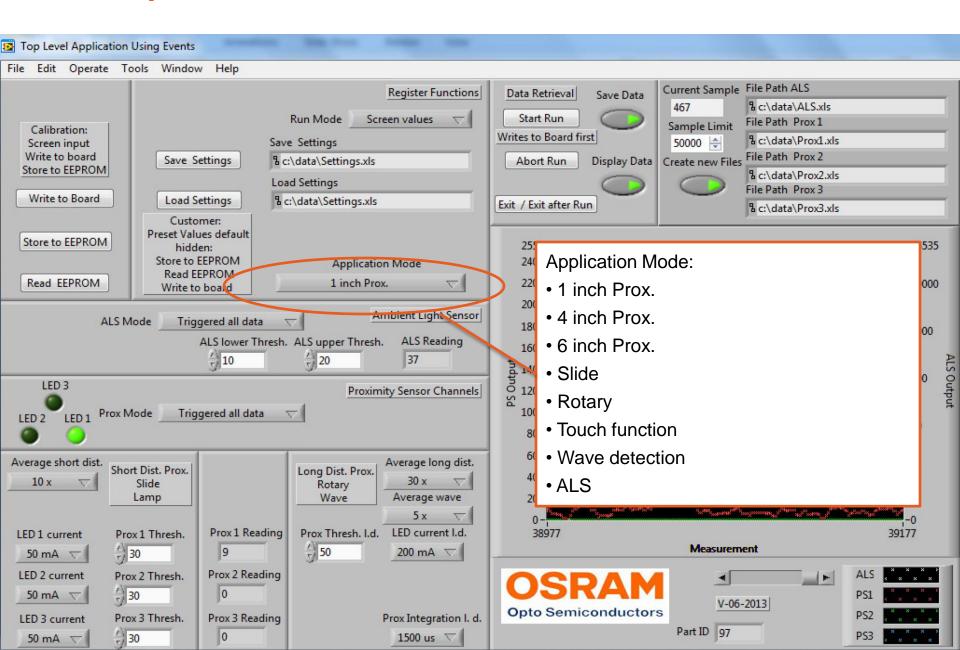




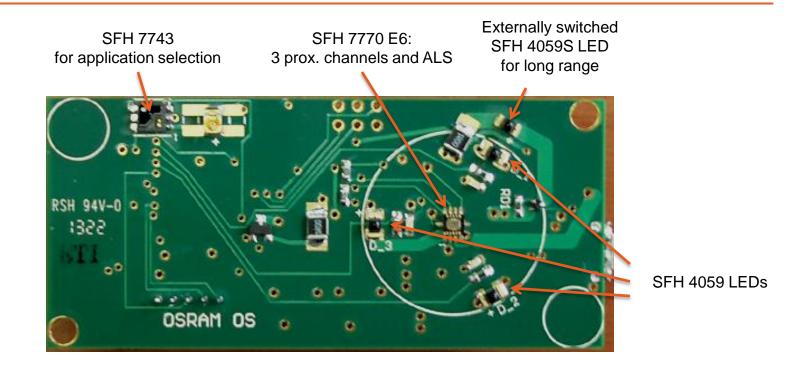






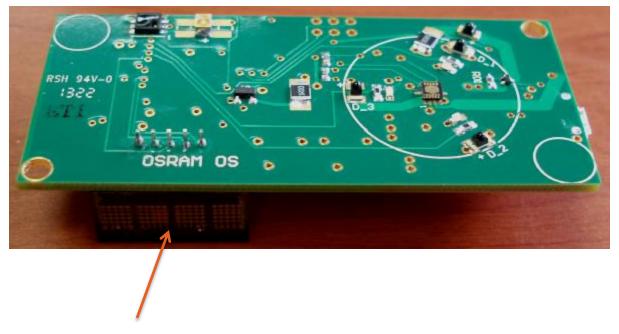


6. PCB: Top view



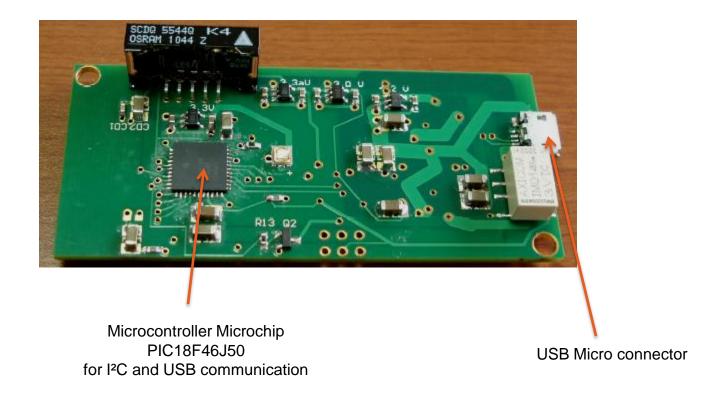


6. PCB: Side view



Display SCDQ 5544 Q for application mode display

6. PCB: Bottom view





Thank You.

