

DEMOMMA8491 Quick Start Guide

The MMA8491Q Xtrinsic accelerometer 3-axis sensor demo.

1 Position

Rotate and hold the board in the desired position by referencing the X, Y and Z arrows on the demo board label.

2 Enable

Press and hold the button to view the triggered LED. Axis perpendicular to the ground will light the corresponding LED.

3 Repeat

Release the button, repeat steps 1 and 2.

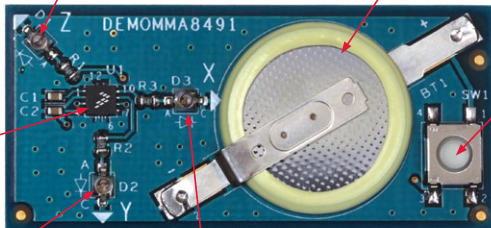


LED1 Lights When MMA8491Q
Sensor Detects Tilt Threshold
on Z Axis

3.3 V Battery

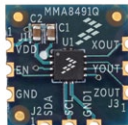
MMA8491Q
Accelerometer
3-Axis Sensor

Button to Power
the MMA8491Q
Sensor to Trigger
a New Sample



LED2 Lights When
MMA8491Q Sensor
Detects Tilt Threshold
on Y Axis

LED3 Lights When
MMA8491Q Sensor
Detects Tilt Threshold
on X Axis



Breakout Board
Containing the
MMA8491Q 3-Axis
Accelerometer
Sample

Learn more at freescale.com/MMA8491Q

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