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# Wireless Vibration Monitoring Platform

MEMS-based wireless vibration monitoring kit for accelerating asset monitoring and solution development

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User Guides

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## Overview

### Features and Benefits

### Product Details

## Markets and Technologies

Industrial Automation Technology (IAT) (1)



The MEMS-based Wireless Vibration Monitoring Platform is a complete evaluation solution that includes:

- Mechanical mounting and measurement capability up to 2.6kHz bandwidth
- 3-axis ultra-low power, ultra-low noise MEMS accelerometer technology
- Low power 16-bit ADC
- Ultra low power microcontroller and robust low power SmartMESH wireless radio

It enables users to:

- Rapidly deploy a wireless solution to a machine or test setup
- Evaluate ADI MEMS sensor technology for vibration monitoring
- Evaluate ADI SmartMESH technology for industrial wireless sensing
- Accelerate their asset monitoring and solution development

# Package Contents

- The evaluation kit consists of the following items:
- SmartMesh IP Manager (DC2274A) USB Dongle
  - Wireless Vibration Monitoring Platform
  - JTAG Cable (only needed for firmware upgrade)

# Documentation

[View All \(1\)](#) [User Guides \(1\)](#)

## User Guides

[Wireless Vibration Monitoring Platform](#) [WIKI](#)

# Buy

| Model                            | Description                                                                      | RoHS |     |
|----------------------------------|----------------------------------------------------------------------------------|------|-----|
| EV-CBM-VOYAGER3-1Z<br>Production | Eval kit including wireless module, SmartMESH manager and programming board/JTAG |      | Yes |

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