DM160238 - MGC3140 Development Kit Emerald
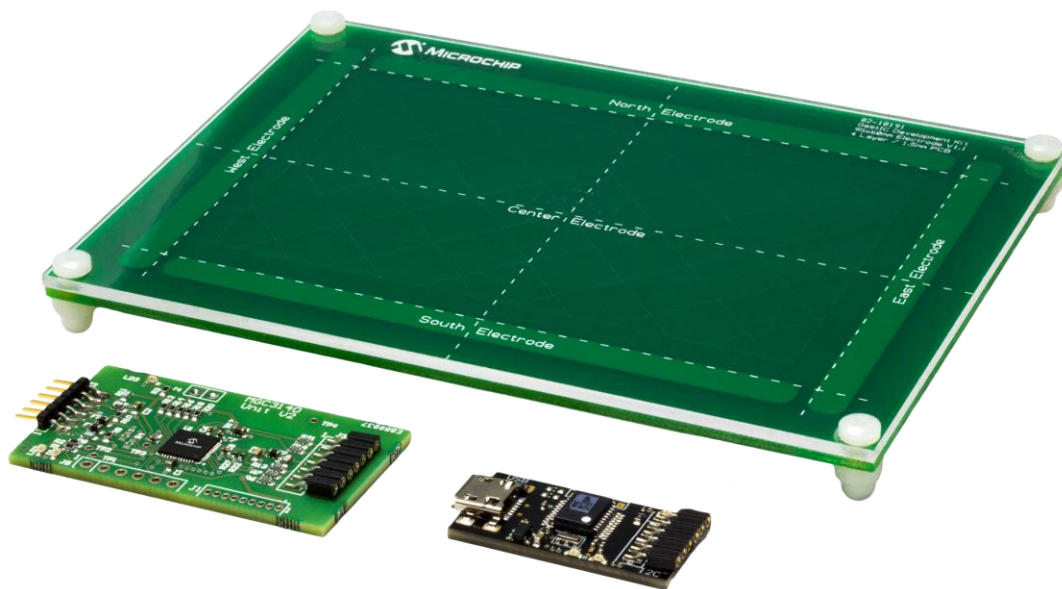
Part Number: DM160238

Summary

The MGC3140 Emerald Development Kit builds a complete MGC3140 reference system for evaluation as well as the design-in of 3D gesture input sensing systems.

The MGC3140 Emerald Development Kit is based on Microchip's award winning GestIC technology and enables true single chip 3D gesture detection.

The design-in is simplified with the help of the AUREA GUI.

Package Contents:

Emerald Package:

- MGC3140 Module
- I2C to USB Bridge Module
- Reference Electrode (95 x 60mm sensitive area)
- Artificial Hands

Online resources: www.microchip.com/gesticgettingstarted

- AUREA Design-in / Evaluation GUI
- GestIC Electrode Reference Designs
- Tutorial Videos
- MGC3140 Interface Library Manual (I2C)
- Electrode Design Guide
- GestIC SDK
- MGC3140 Datasheet / Product Brief

System Requirements

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For GUI:

Windows 7 / Windows 8 / Windows 10

Product Features

The MGC3140 Emerald Development Kit is a complete MGC3140 reference system for evaluation as well as design-in.

Based on Microchip's award winning GestIC technology it enables compelling 3D gesture based UI in embedded systems.

All processing is done on the MGC3140 - no host processing is required.

The system design and straightforward design-in process enables short Time-To-Market (TTT) for your projects.