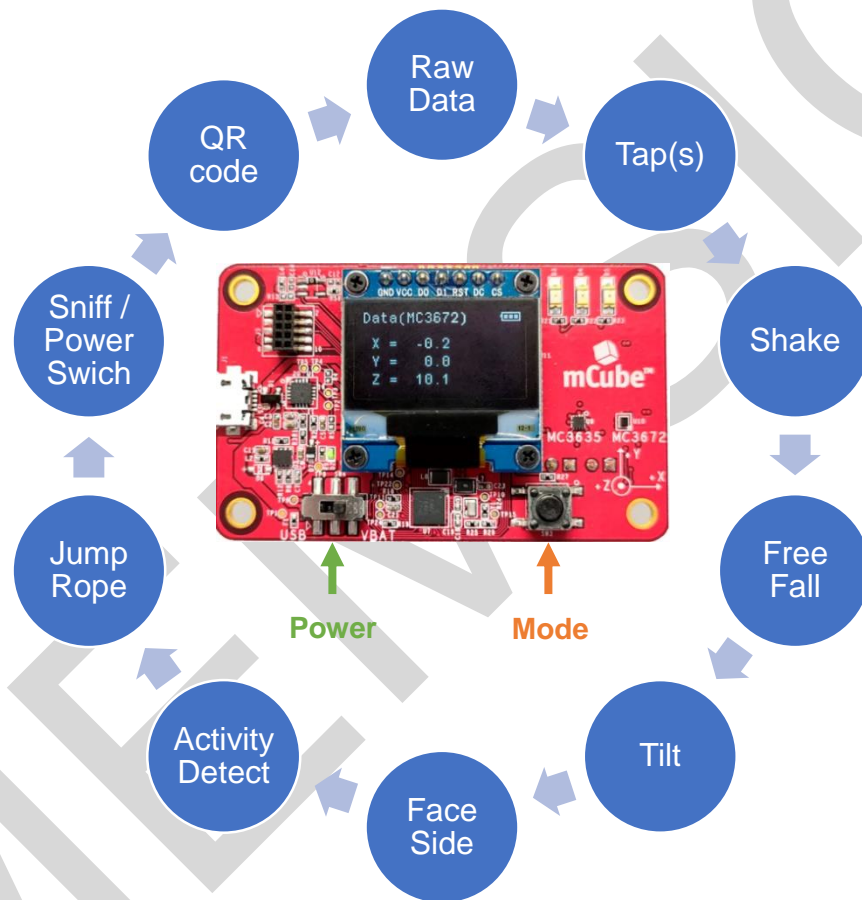


The DB3672B Demo Board is a standalone accelerometer demonstration platform that enables firsthand user experience of the IoMT (Internet of Moving Things) functionality for the latest MEMSIC motion sensors. It highlights both the MC3672 (1.1 x 1.3 x 0.74 mm CSP) and MC3635 (1.6 x 1.6 x 0.94 mm LGA) ultra-low power, 3-axis accelerometers by providing g-force data to a 32-bit ARM Cortex-M4. Motion sensing algorithms are performed in firmware on the MCU to demonstrate popular accelerometer use cases. These include a variety of activity tracking, user interface and power management functions. Results and status are displayed live on the on-board OLED display. The board is also equipped with an USB/UART interface for easy firmware upgrades and external power.



Start experiencing the Internet of Moving Things (IoMT):

- 1) Slide the **power switch** to the right
- 2) Press the **mode selection button** to cycle through each demo (see order above)
- 3) Results are displayed live on the OLED display

- Get the complete DB3672B User Guide from MEMSIC
- Purchase the EV3672A or EV3635A Evaluation Boards for fast prototyping
- Source code for the most popular DB3672B algorithms are available from MEMSIC