The Snapdragon Wear 2100 is optimized for wearables:

- Smaller size
  - 10mm x 10mm ePoP package
  - 25% smaller modem*
  - Codec integrated into PMIC
- Power efficient
  - 25% lower power overall*
  - 80% lower power sensor hub*
  - 43% lower power GPS*
- Integrated Gen 8C GNSS
- Integrated NXP NFC solution
- Single PCB for tethered and connected designs
- Software support for Android and Android Wear
- Multiple ODM designs available for connected & tethered smartwatches and kid & elderly trackers

*As compared to Snapdragon 400
Qualcomm Snapdragon is a product of Qualcomm Technologies, Inc.
Snapdragon Wear 2100 brings new and enhanced wearable experiences to consumers with a smaller, more efficient processor with both tethered and LTE connected version.

### FEATURES & SPECIFICATIONS

#### CPU
- Quad ARM Cortex A7 up to 1.2 GHz optimized for wearables

#### GPU
- Qualcomm® Adreno™ 304 GPU: OpenGL ES 3.0, optimized power for wearables

#### DSP
- Integrated modem DSP shared for modem, GNSS, sensor processing, keyword detection and audio

#### Memory
- 10x10 ePoP memory
- 400 MHz LPDDR3, eMMC 4.5

#### Display
- Up to 640x480 at 60fps, optimized for wearables

#### Modem
- Integrated X5 LTE Global Mode modem, supporting LTE FDD, LTE TDD, 1x Adv, EV-DO Rev. A, TD-SCDMA and GSM/EDGE
- Accelerated operator certification
- RF WTR2965

#### Power Management
- Integrated audio codec

#### Qualcomm Audio
- Fluence™ HD with Noise Cancellation
- Snapdragon Voice Activation
- Snapdragon Voice+

#### Connectivity
- WCN3620/3615/3610
- 802.11b/g/n (2.4GHz)
- Qualcomm® IZat™ Gen8C location technology
- USB 2.0
- BT4.1 + BLE
- Integrated NFC through NXP/Qualcomm collaboration

#### Security
- Qualcomm® SecureMSM™ foundation