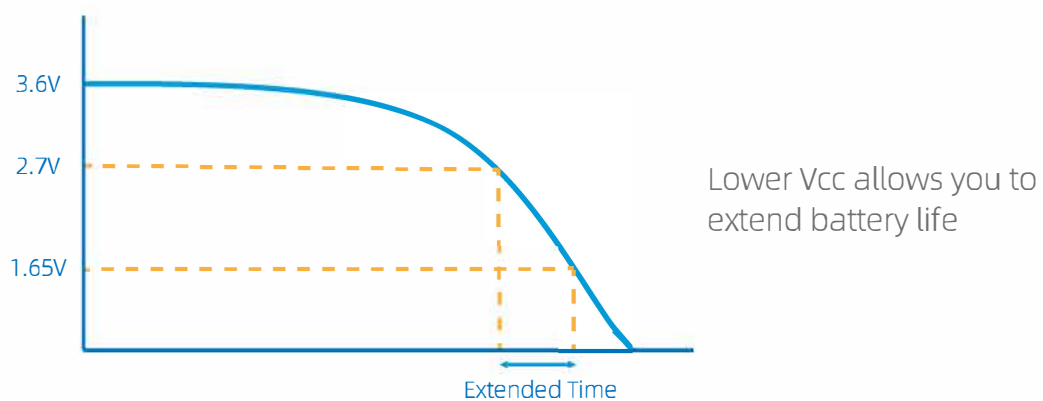


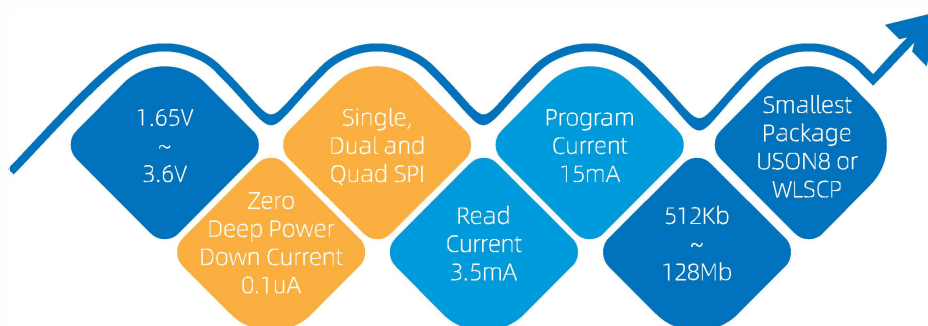


Ultra Low Power Wide Vcc SPI NOR Flash

The new GD25Wx Series from GigaDevice is an ultra low power SPI NOR Flash memory with a wide Vcc range, ideal for wearables, IoT, and battery operated applications.



MAIN FEATURES





SPI NOR Flash Memory

Wide Voltage Range with Industry's Smallest Package

GigaDevice introduces Low-Power SPI NOR Flash memory series featuring the industry's smallest USON8 (1.5mm x 1.5mm) and WLCSP package, providing maximum design flexibility for IOT devices, wearables, smartphones and other compact battery operated applications.

- ◆ 1.65V to 3.6V wide operating voltage range
- ◆ Single, dual, quad I/O SPI modes
- ◆ 512Kb to 128Mb density options
- ◆ Industry's smallest 1.5mm x 1.5mm USON8 package (0.5mm height)
- ◆ Operating Frequency up to 104MHz
- ◆ High reliability with 20-year data retention and 100,000 program/erase cycles
- ◆ Low power consumption:
 - Zero standby current (0.1µA typical)
 - Low read current (Less than 3mA at 40MHz)
- ◆ Advanced security feature:
 - Factory preset 128-bit unique ID
- ◆ Extended operating temperature range:
 - 40°C to 85°C, -40°C to 105°C, -40°C to 125°C