



GL314X

DAB/DAB+/DMB-A/FM RF & Baseband & Audio Processor

- Highly integrated DAB solution which supports various audio formats
- Low-power solution for handheld, portable and automotive receivers

- **RF Tuner**

- Triple-Band RF : FM, Band-III, L-Band

- **Eureka-147 & FM Demodulator**

- **Audio Decoder**

- Supports various audio functions (MUSICAM, HE-AAC V2, MP3, WMA, and OGG)

- **MCU**

- 32bit RISC CPU up to 100Mhz
- RTOS

- **Service Following Engine**

- Seamless DAB to FM (GL3142)

- **Additional Features**

- Supports all previous features
- LDO regulator
- Audio DAC

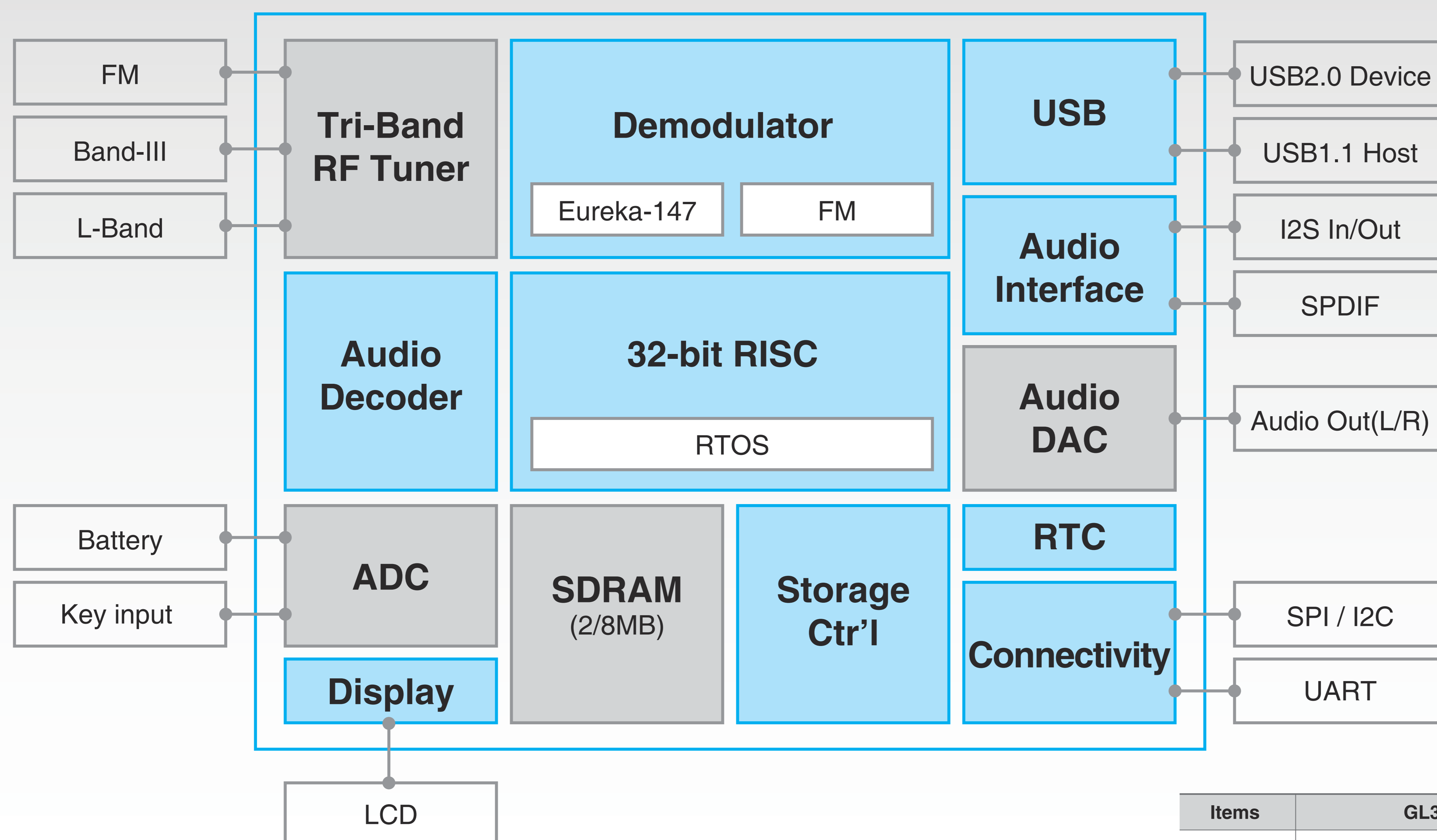
- **Interface**

- Host interface : I2C, UART, Multi-IO SPI
- USB 2.0 Device, USB 1.1 Host

- **Power Consumption**

- 103mW (DAB/DAB+ w/ DAC)

Block Diagram



Application

- Hand-held device
- Portable device
- Automotive
- Wireless Speaker

Items	GL3140	GL3142
PKG	169B, 11mm * 11mm (Pin Compatible)	
Support	• DAB/DAB+/DMB-A/FM-RDS	• MOT/SLS support • Recording/ Playback support • Seamless DAB-FM Service Following
SDRAM	2MB	8MB