

Reprogrammable Bluetooth Module

SEARAN-860

Data Sheet

SEARAN-860

- Dual mode Bluetooth module
- Reconfigurable for different applications
- Reprogrammable for customer requirements
- For proof of concept and production

FEATURES

- Bluetooth 5.0 dual-mode BR/EDR/LE HCI module BT860 from Laird
- Bluetooth 5.0 certified dotstack™ libraries and application per customer requirements
- SEARAN software support
- STM32L4 with 160KB SRAM, 512KB Flash, 80Mhz
- AT commands
- MFI Authentication Chip for MFI members - *optional*
- I2C external interface
- USB v2.0 connector-*optional*
- Castellated Mounting
- 2 UART host interfaces
- JTAG and Serial Wire Debug interfaces
- Push buttons -1 reset and 1 application
- LED - 1 power and 1 application
- Serial Audio Interface (SAI)
- Audio Interface (PCM)
- Input power 5V
- 13mm x 40.75mm, without USB connector
- Industrial Operating Temp -30° to +85°C



COMPLIANCE

Bluetooth SIG Certified

- Hardware Controller Subsystem by Laird
- Host Subsystem by SEARAN
- Profile Subsystem by SEARAN
- Regulatory Approvals FCC, CE for BT860
- MFI certification - *optional*

PART NUMBERS	USB		MFI Installed		Internal Antenna	
	yes	no	yes	no	yes	no
SEARAN-860-DEF-SA		X		X	X	
SEARAN-860-DEF-ST		X		X		X
SEARAN-860-MFI-SA		X	X		X	
SEARAN-860-MFI-ST		X	X			X
SEARAN-860-USB-SA	X			X	X	
SEARAN-860-USB-MFI-SA	X		X		X	

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