

M224A (Bluetooth Interface board for printer)

1. Features

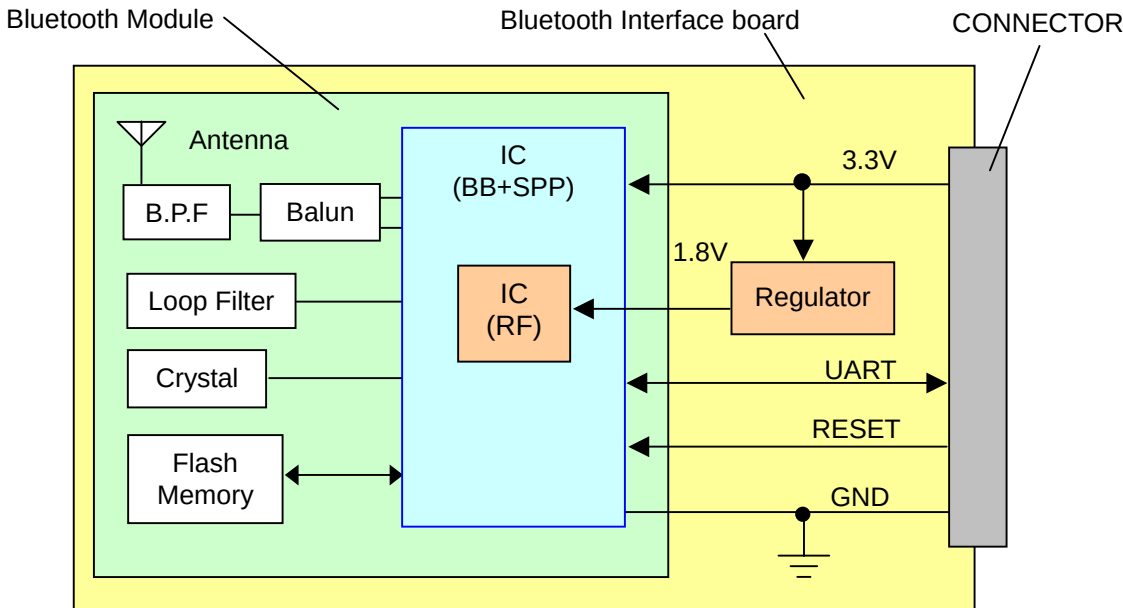
- 1) Model Number : M224A
- 2) Equipment description: Bluetooth Interface board for printer
- 3) Bluetooth® standard Ver 1.1 conformity (Modulation Type:GFSK)
- 4) Power Class2(Max 4dBm) Bluetooth Module
- 5) Designed for EPSON TM series printers
- 6) With Antenna is provided on board (Antenna Gain(MAX) = 2.044 dBi)
- 7) Internal baseband clock oscillator
- 8) Support functions: Serial Port Emulation(Point-To-Point)
- 9) Bluetooth wireless connection-to-UART bridge function
- 10) Interface(to printer): UART
- 11) Ground line is connected to the application for equipment via one of pins of connector

2. Technical Description

2.1 Specification

Parameter	Description	Min	Typ	Max	Units
Carrier Frequency		2.402		2.480	GHz
Supply Voltage		3.0	3.3	3.6	V
RF Output Power	Measured in 50 ohm	-6	0	4	dBm
Rx Sensitivity		-	-83	-70	dBm
Operating Temperature		0	25	50	Degree C
Current Consumption	Data receiving		35		mA

2.2 Hardware Block Diagram



Ground line is connected to the application for equipment via one of pins of connector

2.3 Functional Block Diagram

