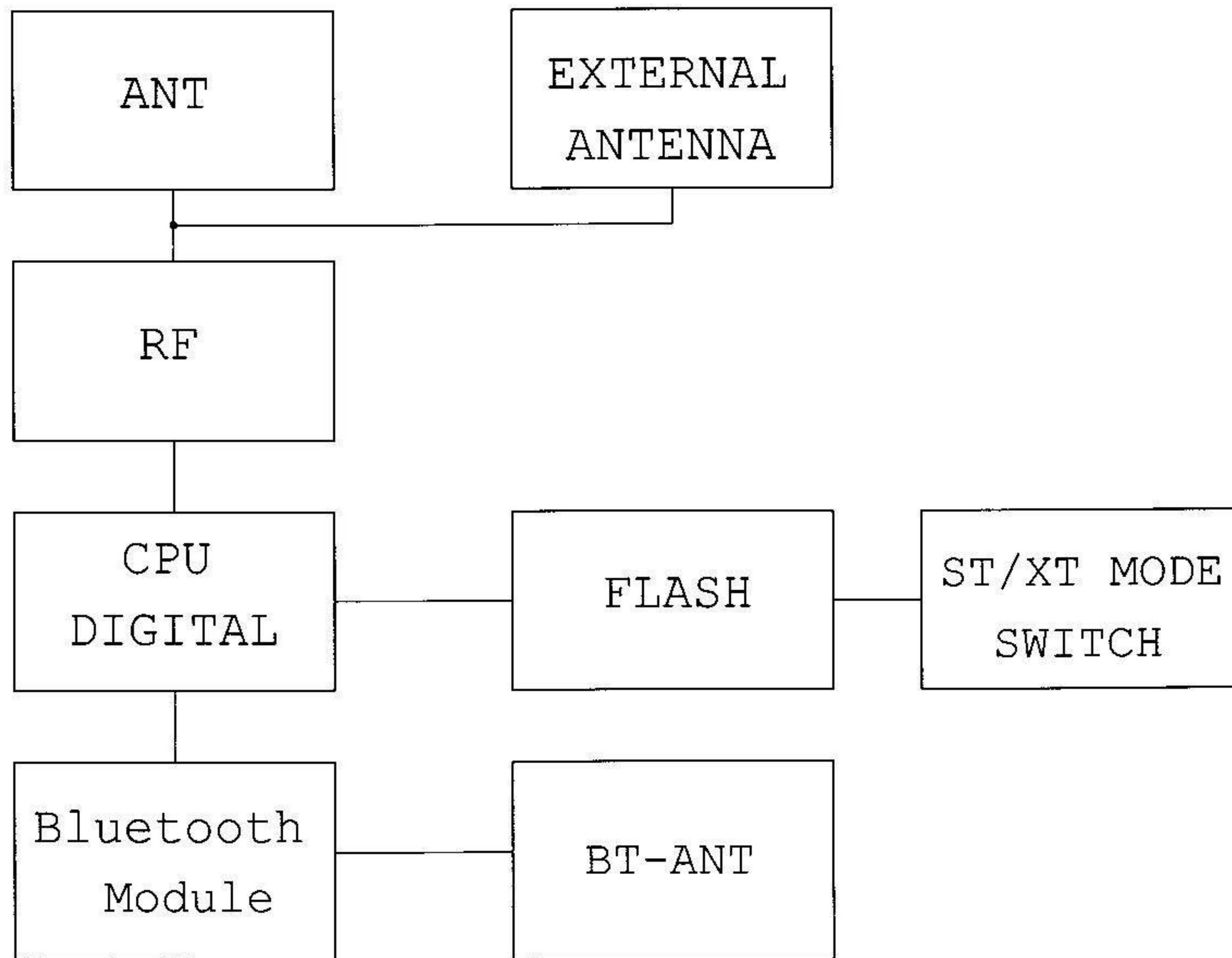




Title		
Bluetooth GPS Block Diagram		
Size	Document Number	Rev
A	Bluetooth GPS	1.0
Date:	Monday, December 23, 2002	Sheet 1 of 1

Bluetooth Module

4/8M bits Flash ROM

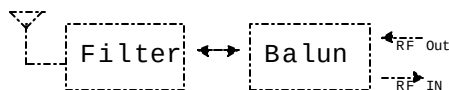
Flash Memory function Description:

1. Store CSR BC02 chip's firmware



Balun function Description:

1. Balance to unbalance circuit transfor



Bandpass filter function Description:

1. Part: Soshin MDR741F.
2. Passband: 2400~2500MHz
3. Attenuation: 25 dB min (at 1750MHz)
25 dB min (at 2100MHz)
22 dB min (at 4800-5000MHz)

2.4GHz
Radio

RAM

DSP

MCU

I/O



SPI



UART/USB



PIO



PCM

CSR BC212015



16MHz
X'tal

CSR BC212015 function Description:

1. Single chip radio and baseband IC for Bluetooth 2.4GHz system.
2. Connection type: Frequency hopping
3. Transmission Power: Up to 4dBm
4. Frequency: ISM band 2400~2483.5MHz
5. Modulation: GFSK with BT(0.5) and modulation indes(0.28~0.35)
6. Data Rate: 1Mbps

Title			
CSR BC02_External ClassII module			
Size B	Document Number		Rev A
Date:	Tuesday, September 23, 2003	Sheet 1 of 1	