

# PRBMA06

## Description

PRBMA06 are a cost effective Bluetooth audio module, supporting Bluetooth 2.1 (audio), Bluetooth 4.x (BLE) and SPP at the same time. They also supports AT-Command for controlling and configuration purpose.

Beside Bluetooth audio, PRBMA05/06 also supports SD-card mode, and such application can be used in speaker application.

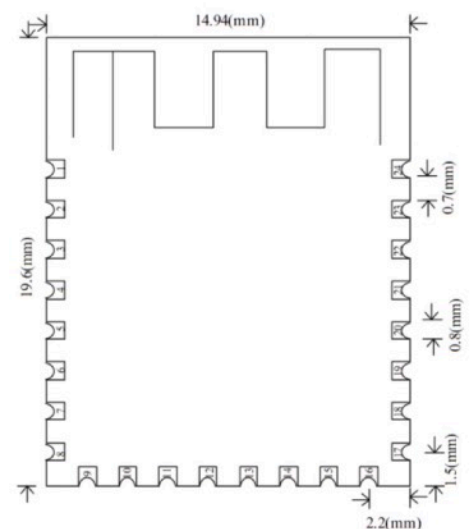
PRBMA05 and PRBMA06 are fully pin compatible, and PRBMA06 contains metal shielding for application that requires EMC insurance .

PRBMA06 are firmware pre-programmed, user can simply use it after power up without any firmware development.

PRBMA06 is FCC, CE, TELEC \*certified module, which reduces customer's resource for qualification and allows product to be time to market.

\* in process

- 14.94 x 19.6 x 3 mm
- Protocol support:  
HFPV1.7 、 A2DPV1.2 、  
AVRCPV1.5 、 AVCTPV1.2 、  
AVDTPV1.2
- Audio source:  
BT or SD-CARD
- Operating voltage: 3.3-4.2VDC
- Power consumption:  
3.5mA before connection  
20mA after connection
- Operation temperature:  
-40 to 80°C
- RF distance: 15m (max)
- Sensitivity: -87dBm



Dimension (mm)