

Bluetooth USB Adapter

Model: BT122A-USB



Product Specification

Ver1.1

Model Number	BT122A-USB
Descriptions	Bluetooth 1.2 Class 2 USB Adapter
Hardware Type	Broadcom BCM2035 B3 USB Ver1.1 Compliant
Bluetooth Spec. Compliance	Bluetooth 1.2
Throughput	721Kbps (Data Channels)
Operating Voltage	DC 5V
Power Consumption	Typical: TX: 70 mA RX: 40 mA
Regulatory Approval	FCC, CE, BQB
Radio Specifications	
Spread Spectrum	Adaptive Frequency Hopping Spread Spectrum (AFHSS)
Frequency Rang	2.4 – 2.4835GHz (2.4GHz ISM Band)
Antenna Gain	-3 dBi
Polarization	Linear
RF Channels	79 channels of 1MHz Bandwidth
Modulation	GFSK, BT = 0.28 ~ 0.35
Output Power	3dBm (Max.)
Receiver Sensitivity	-78dBm with BER < 0.1%
Max Input Level	-20dBm
Operation Temperature	-20°C ~ 50°C @ Humidity 10 ~ 90%
Storage Temperature	-40°C ~ 70°C @ Humidity 10 ~ 90%
Operating Range	Wireless Communication within 10 meters
Physical Specifications	
Dimension	60.0 × 24.4 × 14.4 mm (L × W × H)
Weight	10.44 g
Base Band	
Physical Links	Support of ACL link with data rate up to 721Kb/sec Support of SCO link
Network Capabilities	Support of Piconet point-to-point and point-to-multipoint connections
Security	Encryption, Authentication

Application	
Profile Support	Advanced Audio Distribution Basic Image DUN-DT/GW Fax-DT/GW FTP-Client/Server HCRP-Client Headset-AG/HS HID-Host OPP-Client/Server PAN-AP/Group/User SPP-Dev A/ Dev B Sync-Client/Server LAN-DT/GW Generic Access
	Operating System Support

Package Content:

1. **BT122A-USBG: Gift Box Package**
 - a. Bluetooth USB Adapter x 1
 - b. Bluetooth Driver CD (Multi Language) x 1

Carton information:

1. Gift box size: 18 cm x 13.5 cm x 7 cm
2. Unit weight: 0.15Kg
3. Carton size: 50 cm x 31 cm x 31 cm
4. N.W: 2.5 Kg (16pcs/Carton)
5. G.W: 3.5 Kg

