

ForPOS



LM048 Specification:

LM048 – Bluetooth Serial Adapter

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| Chipset | CSR Bluecore 4 (BC04) |
| Power Classification | Class 1 |
| Adapter Type | Serial Adapter |
| Connector Type | DB9 RS232 female, Mini USB |
| Bluetooth Specification | Core v2.0 + EDR backward compatible with Bluetooth v1.2/1.1 specification. Bluetooth 2.1 firmware also available |
| Frequency | 2402 – 2480 MHz |
| Temperature Range | -20 to +75 C |
| Data Rate | Upto 921.6 kbps serial baud rate supported |
| Range | Upto 100 m in open space |
| Rx Sensitivity | -86 dBm typical |
| Antenna | On board chip antenna |
| Antenna Gain | Max 1 to 2 dBi |
| Power Supply | 4V to 13V DC |
| Current Consumption | Max 90 mA |
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| Power Output | +18 dBm Max |
| Baud Rates | 1.2/2.4/4.8/9.6/19.2/38.4/57.6/115.2/230.4/460.8/921.6 kbps |

ForPOS Specification Sheet

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| RS232 Signals | TxD, RxD, GND, CTS, RTS, DTR and DSR |
| Default Firmware | v6.54 |
| Size | 46.3 mm x 36 mm x 13 mm |
| Bluetooth Profile | Serial Port Profile (SPP) and Generic Access Profile (GAP) |
| Interface | UART |
| Serial Parameters | Default 19200, 8 N 1 |
| Configuration | AT Command Set |
| Flash Memory | 8 MB |
| RoHS Compliant | Yes |