Electron, BBC B, B+, Master 128 and Master Compact port pinouts.

Applicable Hardware: N/A

Related Application Notes: N/A
**BBC Model B, B+ and Master 128.**

**Connector: RGB**
Type: 6-pin DIN

Pinout:
- 1 Red
- 2 Green
- 3 Blue
- 4 Sync
- 5 0V
- 6 +5V

**Connector: RS 423**
Type: 5-pin DIN

Pinout:
- A) Data in
- B) Data Out
- C) 0V
- D) CTS
- E) RTS

**Connector: Cassette**
Type: 7-pin DIN

Pinout:
- 1 Output
- 2 0V
- 3 Input
- 4 Output
- 5 N/C
- 6 Motor Control
- 7

**Connector: Analogue in**
Type: 15 way D-type socket

Pinout:
- 1 +5V
- 2 0V
- 3 0V
- 4 CH3
- 5 analogue ground
- 6 0V
- 7 CH1
- 8 analogue ground
- 9 light pen strobe (not LPSTB)
- 10 digital switch input (I1)
- 11 voltage reference (VREF)
- 12 CH2
- 13 digital switch input (I0)
- 14 voltage reference (VREF)
- 15 CH0
- 16

**Connector: Econet**
Type: 5-pin DIN

Pinout:
- 1 Data +
- 2 0V
- 3 Clock +
- 4 Data -
- 5 Clock -

**Connector: UHF**
Type: Phono

Pinout:
- 1 UHF
- 2 Ground

**Connector: Video Out**
Type: BNC

Pinout:
- 1 Video
- 2 Ground
Master Compact

The majority of the Master Compact connectors are the same as the Model B and Master, however there are some different and additional connectors which are documented below.

Connector: Joystick
Type: 9-pin D-type

Pinout:

1 PB3  8 0V
2 PB2  9 CB2 (LPTSTB - if connected)
3 PB1
4 PB4
5 CB1
6 PB0
7 +5V

Connector: Disc Drive
Type: 25-way D-type

Pinout:

1 INDEX 7 STEP
2 S0 8 WRITE DATA
3 SI 9 WRITE ENABLE
4 N/C 10 TRACK 0
5 MOTOR 11 WRITE PROTECT
6 DIR 12 READ DATA
7 PD6 13 SIDE SELECT
8 PD7 14 to 25 0V

Connector: Parallel
Type: 24-way Delta type D connector

Pinout:

1 STB 8 PD6
2 PD0 9 PD7
3 PD1 10 ACK
4 PD2 11 N/C
5 PD3 12 N/C
6 PD4 13 to 25 0V
7 PD5