Diag 586220 Harness - Keyboard Dongle

Module Description

The Keyboard Dongle for Diag 586220 provides the required feedback connections for testing the C64’s CIA U1, which the keyboard is connected to. A LED and current limiting resistor is connected between the +5V and GND pin of the keyboard. The Restore key is connected to a dedicated line and is not tested.

# Connections

20p receptacle (pitch 2.54mm)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pin** | **Signal** |  | **Signal** | **Pin** |
| 5 | PB3 | ↔ | PA3 | 17 |
| 6 | PB6 | ↔ | PA6 | 14 |
| 7 | PB5 | ↔ | PA5 | 15 |
| 8 | PB4 | ↔ | PA4 | 16 |
| 9 | PB7 | ↔ | PA7 | 20 |
| 10 | PB2 | ↔ | PA2 | 18 |
| 11 | PB1 | ↔ | PA1 | 19 |
| 12 | PB0 | ↔ | PA0 | 13 |