

1MHz Bus NPF D signal.

The B2P requires the signal NPF D (not page FD). This is normally picked up on pin 12 of the 1MHz bus connector on the underside of the BBC. If pin 12 of the 1MHz bus is not available because another piece of equipment eg EPROM programmer, is being used, then the signal can be obtained from the + side of diode D15 on the main BBC circuit board. D15 is situated immediately behind the 34way 1MHz bus connector. The + side is the left hand side viewed from the front.

The wire to be connected is one which goes to the BOTTOM on the 1MHz bus connector, the other wire(s) are not used.

The 2 way plug should be removed from the wire and the the wire can be directly soldered onto the leg of the diode. If you do not wish to solder it on directly, the miniture clip supplied may be used. Pull the cap off the clip, pass the wire though the cap, and solder on the wire. If you do not have the facilities to do this PMS will fit the clip for you if you return the B2P with a covering letter.

Removing the 2 way plug and soldering on this wire will NOT effect the guarantee on the B2P.

PMS/B2P/NPF D

RESET Switch on the B2P.

A RESET switch can be fitted to the B2P Second Processor to allow the 6502 (65CO2) processor in the B2P to be reset independantly of the 6502 in the BBC computer. After resetting the B2P the command *B2PON will re-activate the Second Processor. The contents of the B2P's RAM will be lost after reset.

To reset the B2P's 6502 the capacitor C4 at the bottom edge of the PCB must be shorted. The simplest way to achieve this is by fitting a push-to-make switch across the ends of the capacitor. Any electronic shop should be able to supply a small push button switch suitable for this application.

PMS can fit a RESET switch for £3.00 inc VAT, if you return your B2P with a covering letter.

PMS/B2P/RFSET