

SA2764

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SA-2764 Programming Adaptor for the INTEL 2764

General: The SA2764 has been designed for quick connection to the EP4000 to allow it to program and read the INTEL (and others) 2764 EPROM. The module reduces the programming voltage to 21V and configures the high order address lines, output enable and chip select as required for read and program modes.

Since the EP4000 has 4k x 8 of RAM, the 2764 (8k x 8) must be programmed in 2 halves, and a DIL switch is provided for 4k block selection (i.e. A12 logic high or low).

Connection and use:

- 1) Press reset on the EP4000 to power down the ZIF socket.
- 2) Select 2732 on the device selector.
- 3) Plug the adaptor into the EP4000 ZIF socket and close the lever. The adaptor box should rest in the ZIF, and on the edge of the EP4000 case with the adaptor's ZIF lever furthest from the device selector. 'Pin 1' is in the same relative position as on the EP4000 - i.e. top left hand corner of the adaptor ZIF furthest from the ZIF lever (red dot indicates).
- 4) Select the required 4k block with the DIL switch - 'H' indicates A12 high, 'L' indicates A12 logic low.
- 5) Plug in the 2764 device and use the EP4000 in the usual way.

DO NOT attempt to read or program any device other than 2764s in the adaptor -- always set the device selector to 2732.

DO NOT attempt to program the MOSTEK MK2764 or TEXAS Instruments 2564. as these devices are not compatible with the INTEL 2764.

Other equivalent devices to INTELS 2764 include the FUJITSU MBM2764 and the MITSUBISHI M5L2764K.

Note: In common with all devices repeatedly inserted into the TEXTTOOL ZIF sockets, device leads eventually become pitted and dirty at the point of contact. This will cause erratic device read and program operation. Always ensure the adaptor ZIF connector pins are clean - This also applies to 'Master' EPROMs which undergo repeated insertion into the ZIF socket.

Also clean the ZIF socket itself from time to time with a stiff bristle brush only.