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SA- 2732A Programming Adaptor
for the INTEL 2732A EPROM

General

The 2732A is pin compatible with the 2732 only in the read mode of operation. It programs in the same way, but requires a V_{pp} of 21V (+/- 0.5V) and not 25V. The programming adaptor has been designed to reduce the 25V to 21V to allow the EP4000 to program these devices.

With the socket adaptor not fitted to the EP4000, both the 2732 and the 2732A can be read from the existing ZIF socket (i.e. store, verify, checksum) but only the 2732 can be programmed in this socket. With the adaptor fitted, then again both devices can be read from the adaptor socket, but only the 2732A can be programmed. In both cases the EP4000 device selector must be set to the 2732 position.

Connection and Use

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. in the top left hand corner of the ZIF, closest to the device selector, but furthest from the adaptor ZIF lever. Do not attempt to program any device other than a 2732A in the adaptor, and only the 2732 and 2732A should be read from it.

Do not attempt to program the 2732A in the EP4000 ZIF socket without fitting the adaptor - the device will be destroyed, and the EP4000 may be damaged.

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.