

PROM Programmer and Editor

Instruction Manual & Functional Description



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1 Introduction

This card has been designed to allow the programming and editing of 32 x 8 PROM's.

Manufacturer	Part Number
National	74S188
Fujitsu	7111
Signetics	82S23
AMD	827S1
MMI	6330
TI	18SA30
Harris	7602

2 Components

3 Construction

3.1 Before you start construction

Inspect the PCB for any visible signs of damage

Select your components:

- Turned pin sockets are recommended due to robustness and reliability
- Tantalum capacitors can be temperamental. Make sure they are inserted with the correct polarity, are of good quality and are overrated voltage wise.

U15, U20 & U21 are static sensitive. Handling precautions need to be observed.

3.2 Order of construction

The recommended order of construction is:

- Resistors
- Sockets
- Decoupling capacitors
- Tantalum capacitors
- Switches
- LED
- Wire header
- Insert IC's

4 Functionality

5 Usage of the Programmer

6 Notes on Components

All the components used have been selected at time of design to be readily available via commercial component suppliers.

7 Errata

7.1 Version 1.1

8 Reference Images

8.1 PCB

8.2 Built