

FLEX64K RAM/PROM Board Bill of Materials

Ref	Qty	Description
C1, C2	1	10uf, >= 25v, Tantalum 0.1" lead spacing
C3-C13	11	0.1uF (0.2" lead spacing)
R1, R2	2	1.2K
RN1	1	4.7K x 5 bussed resistor network
SW1-SW4, SW8	5	8 position DIP switch
SW5-SW7	3	4 position DIP switch
U1-U3	3	74LS156
U4	1	628128 - 128K x 8 Static RAM (see notes below)
U5	1	28C256 - 32K x 8 EEPROM
U6	1	74LS682
U7, U13	2	74LS00
U8-U11	4	74LS244
U12	1	74LS10
U14	1	74LS32
U15	1	L7805 Voltage Regulator

Compatible RAM chips

Be sure the part you order is a through-hole DIP package (not skinny DIP, not SMT).

If you choose a 128K x 8 part other than one listed here, make sure it supports TTL levels (many are CMOS levels only)

BSI BS62LV1027PC or PI

Hitach HM628128LP

Samsung K6T1008C2D

Toshiba TC551001P

NEC uPD431000CZ

Winbond W24100