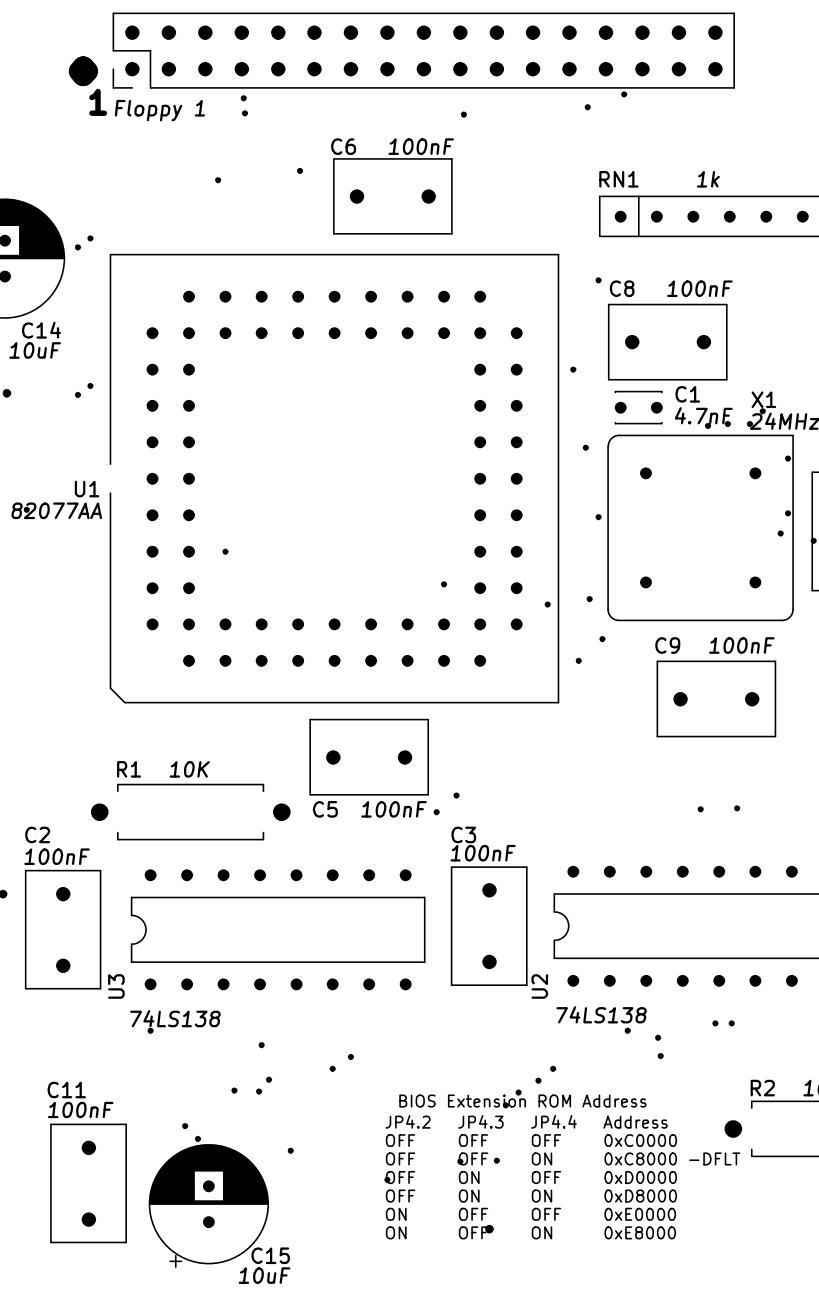J1

1 Floppy 1

J2

1 Floppy 2

* POPULATE J2 OR J3 NOT BOTH *

C10
100nF

FLOPPY2 EXTERNAL

C6   100nF

RN1   1k

PCXT 4x FLOPPY DISK CONTROLLER
NFDC V1.0 22-10-2024

C14
10uF

C8   100nF

C1
4.7nF

X1
24MHz

C7
100nF

U1
82077AA

C9   100nF

U5
EEPROM 28C64

1

R1   10K

C5   100nF

C2
100nF

10k   RN2

R3   10K

JP3

1 **2** **.3** **4** **5** **.6** **7**

U3

74LS138

C3
100nF

U2

74LS138

REN A17 A16 A15 32./8
KB WEN

C4
100nF

U4
74HCT688

C16
100nF

C12
100nF

C11
100nF

C15
10uF

R2   10K

-DFLT

C17
10uF

C13
10uF

BIOS Extension ROM Address

JP4.2	JP4.3	JP4.4	Address
OFF	OFF	OFF	0xC0000
OFF	OFF	ON	0xC8000
OFF	ON	OFF	0xD0000
OFF	ON	ON	0xD8000
ON	OFF	OFF	0xE0000
ON	OFF	ON	0xE8000

BIOS Extension ROM Configuration
JP4.1 – OFF/ON: Disable/Enable ROM
JP4.5 and JP5.6 – OFF: 8 KiB ROM (28C64)
JP4.5 and JP5.6 – ON: 32 KiB ROM (28C256)
JP4.7 – OFF/ON: Disable/Enable EEPROM write