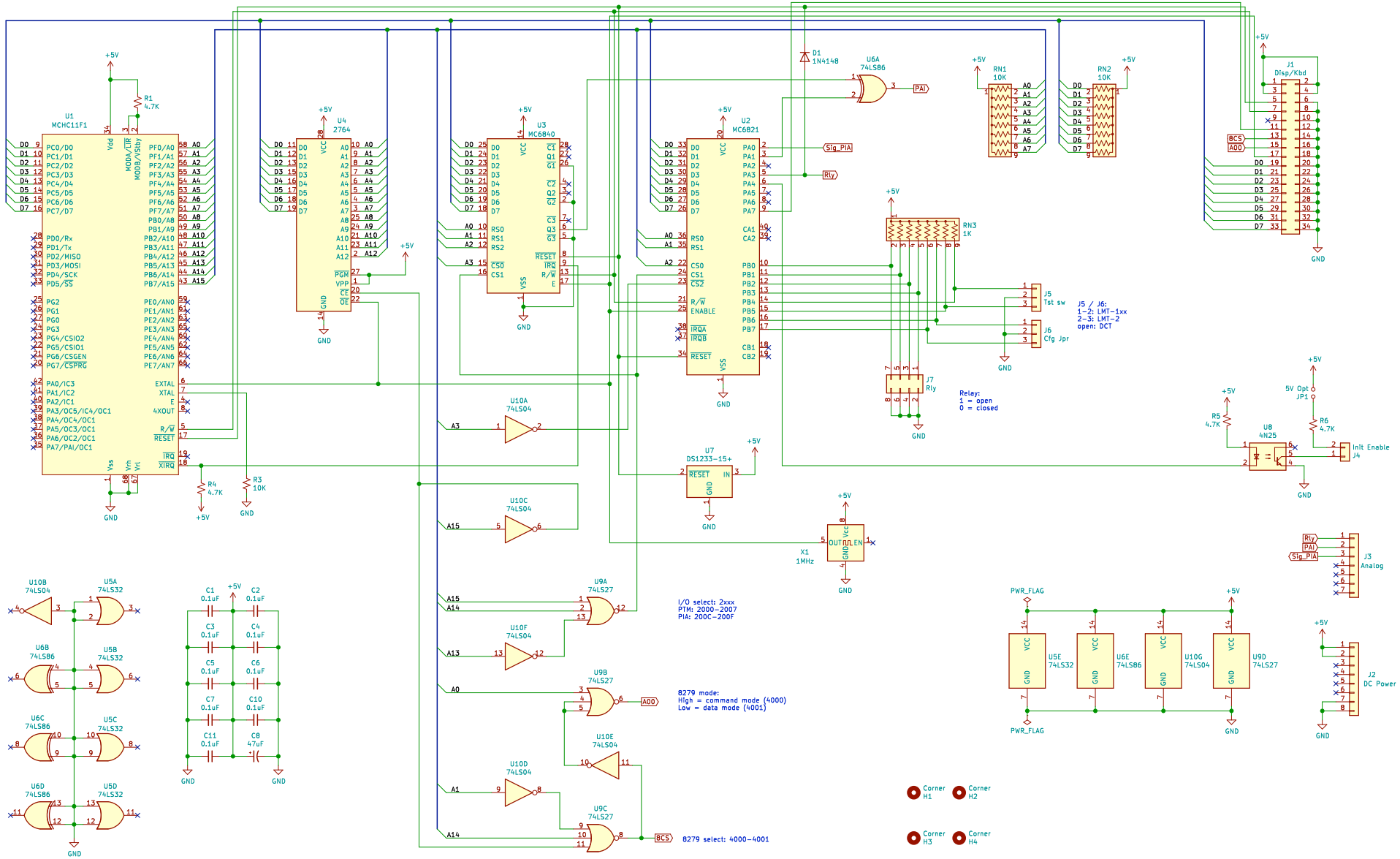

U1
MCHC11F1
R1
4.7K
+5V
GND
U4
2764
U3
MC6840
U2
MC6821
D1
1N4148
U6A
74LS86
PAI
Sig_PIA
Rly
RN1
10K
RN2
10K
J1
Disp/Kbd
BCS
A00
RN3
1K
J5
Tst sw
J6
Cfg Jpr
J5 / J6:
1–2: LMT–1xx
2–3: LMT–2
open: DCT
J7
Rly
Relay:
1 = open
0 = closed
U7
DS1233–15+
RESET
IN
GND
U10A
74LS04
U10C
74LS04
U10F
74LS04
U10E
74LS04
U10D
74LS04
A3
A15
A13
A0
A1
A14
U9A
74LS27
U9B
74LS27
U9C
74LS27
I/O select: 2xxx
PTM: 2000–2007
PIA: 200C–200F
8279 mode:
High = command mode (4000)
Low = data mode (4001)
8279 select: 4000–4001
X1
1MHz
R3
10K
R4
4.7K
R5
4.7K
R6
4.7K
5V Opt
JP1
U8
4N25
Init Enable
J4
J3
Analog
J2
DC Power
U5A
74LS32
U5B
74LS32
U5C
74LS32
U5D
74LS32
U5E
74LS32
U6B
74LS86
U6C
74LS86
U6D
74LS86
U6E
74LS86
U10B
74LS04
U10G
74LS04
U9D
74LS27
PWR_FLAG
C1
0.1uF
C2
0.1uF
C3
0.1uF
C4
0.1uF
C5
0.1uF
C6
0.1uF
C7
0.1uF
C10
0.1uF
C11
0.1uF
C8
47uF
Corner
H1
Corner
H2
Corner
H3
Corner
H4