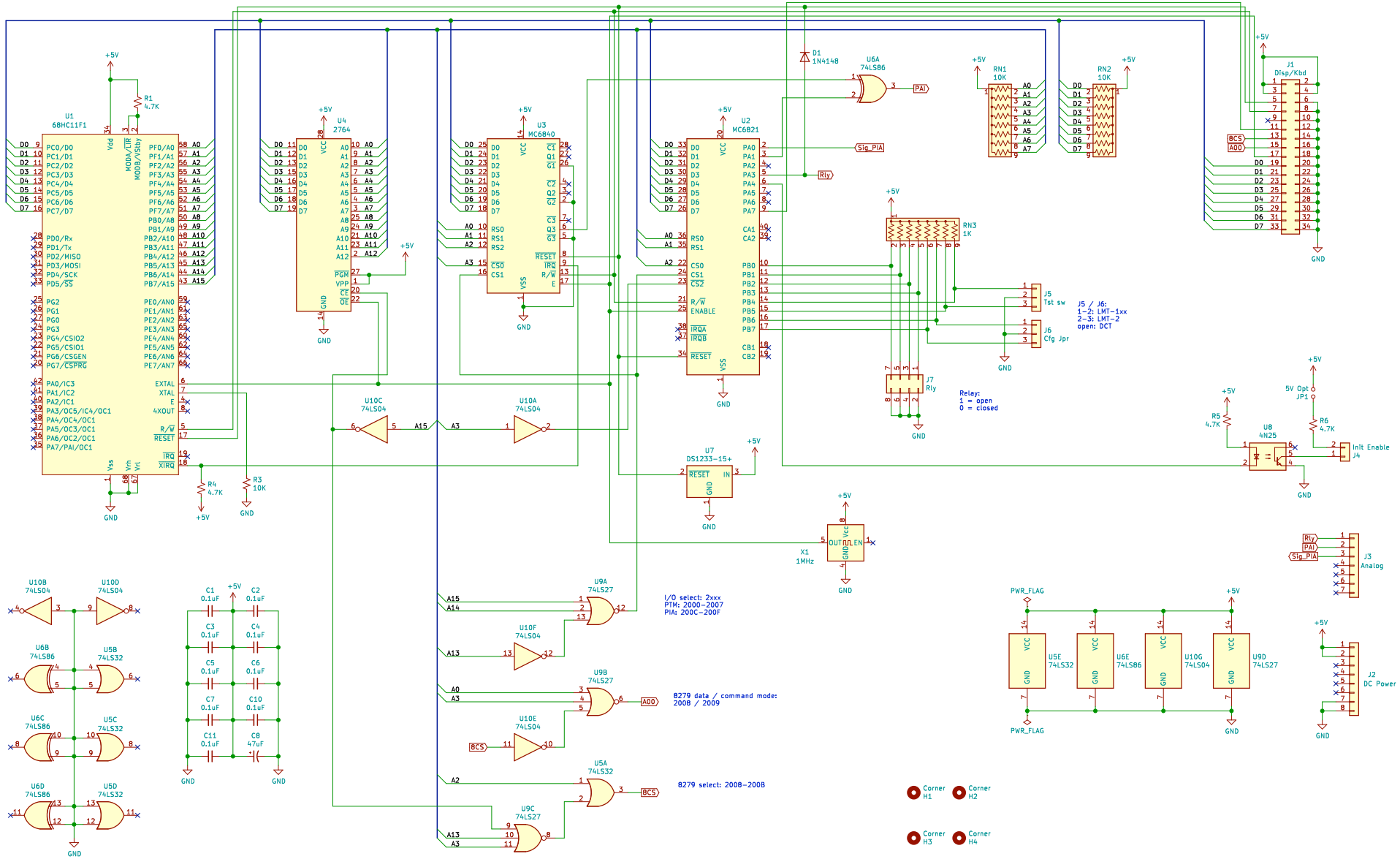

U1
68HC11F1
R1
4.7K
R4
4.7K
R3
10K
U4
2764
U3
MC6840
U2
MC6821
D1
1N4148
U6A
74LS86
PAI
Sig_PIA
Rly
RN1
10K
RN2
10K
J1
Disp/Kbd
BCS
A00
RN3
1K
J5
Tst sw
J6
Cfg Jpr
J5 / J6:
1–2: LMT–1xx
2–3: LMT–2
open: DCT
J7
Rly
Relay:
1 = open
0 = closed
U10C
74LS04
U10A
74LS04
A15
A3
U7
DS1233–15+
RESET
IN
GND
X1
1MHz
U8
4N25
R5
4.7K
5V Opt
JP1
R6
4.7K
Init Enable
J4
J3
Analog
J2
DC Power
U10B
74LS04
U10D
74LS04
U6B
74LS86
U5B
74LS32
U6C
74LS86
U5C
74LS32
U6D
74LS86
U5D
74LS32
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
U9A
74LS27
U10F
74LS04
U9B
74LS27
U10E
74LS04
U5A
74LS32
U9C
74LS27
A15
A14
A13
A0
A3
A2
A00
BCS
I/O select: 2xxx
PTM: 2000–2007
PIA: 200C–200F
8279 data / command mode:
2008 / 2009
8279 select: 2008–200B
PWR_FLAG
U5E
74LS32
U6E
74LS86
U10G
74LS04
U9D
74LS27
Corner
H1
Corner
H2
Corner
H3
Corner
H4
+5V
GND