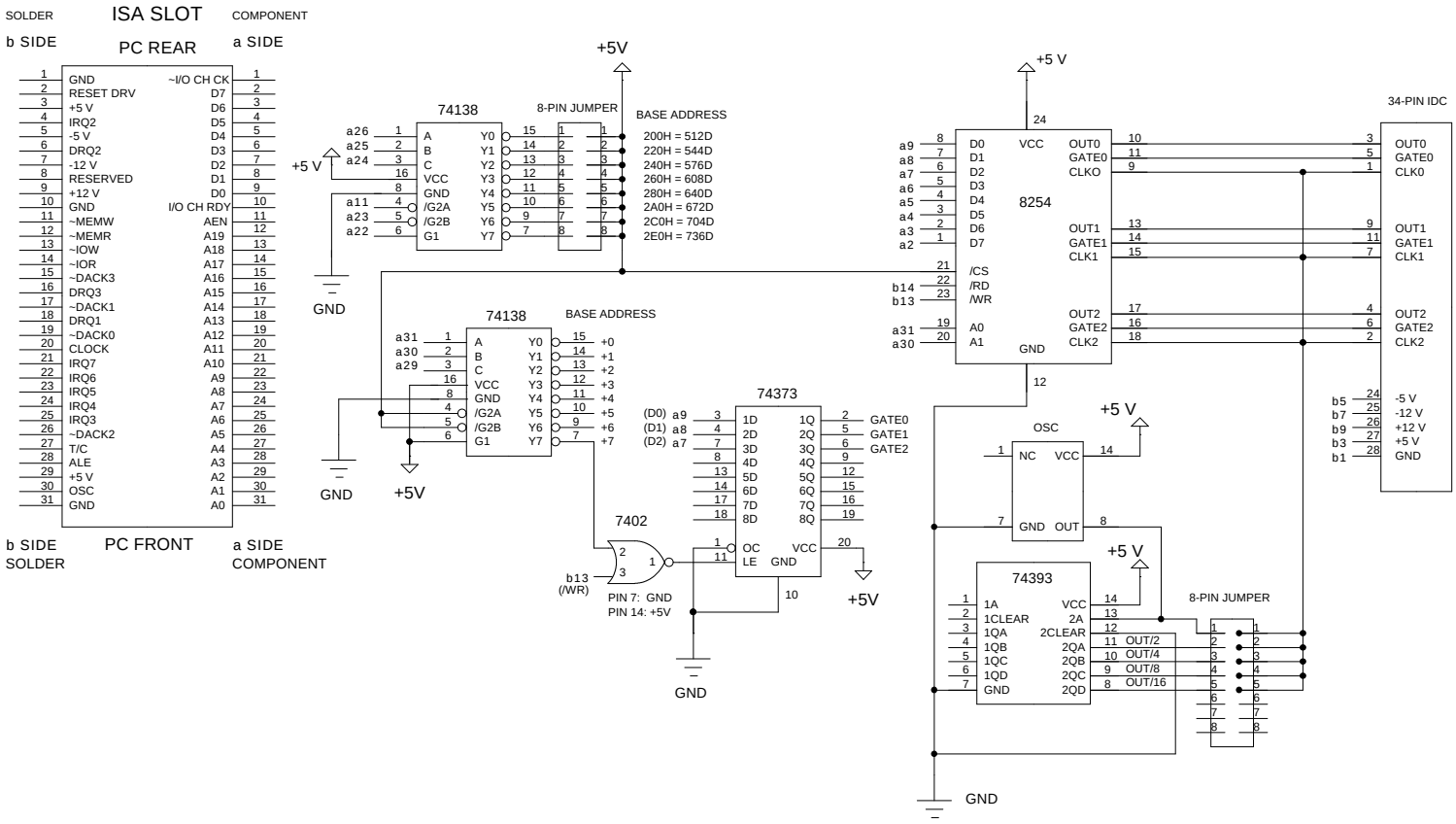
SOLDER
ISA SLOT
COMPONENT
b SIDE
PC REAR
a SIDE
1 GND ~I/O CH CK 1
2 RESET DRV D7 2
3 +5 V D6 3
4 IRQ2 D5 4
5 -5 V D4 5
6 DRQ2 D3 6
7 -12 V D2 7
8 RESERVED D1 8
9 +12 V D0 9
10 GND I/O CH RDY 10
11 ~MEMW AEN 11
12 ~MEMR A19 12
13 ~IOW A18 13
14 ~IOR A17 14
15 ~DACK3 A16 15
16 DRQ3 A15 16
17 ~DACK1 A14 17
18 DRQ1 A13 18
19 ~DACK0 A12 19
20 CLOCK A11 20
21 IRQ7 A10 21
22 IRQ6 A9 22
23 IRQ5 A8 23
24 IRQ4 A7 24
25 IRQ3 A6 25
26 ~DACK2 A5 26
27 T/C A4 27
28 ALE A3 28
29 +5 V A2 29
30 OSC A1 30
31 GND A0 31
b SIDE
SOLDER
PC FRONT
a SIDE
COMPONENT
+5V
74138
8-PIN JUMPER
BASE ADDRESS
a26 a25 a24 a11 a23 a22
A B C VCC GND /G2A /G2B G1
Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7
200H = 512D
220H = 544D
240H = 576D
260H = 608D
280H = 640D
2A0H = 672D
2C0H = 704D
2E0H = 736D
+5 V
GND
74138
BASE ADDRESS
a31 a30 a29
+0 +1 +2 +3 +4 +5 +6 +7
GND
+5V
74373
(D0) a9
(D1) a8
(D2) a7
1D 2D 3D 4D 5D 6D 7D 8D
1Q 2Q 3Q 4Q 5Q 6Q 7Q 8Q
GATE0 GATE1 GATE2
OC LE VCC GND
7402
b13 (/WR)
PIN 7: GND
PIN 14: +5V
+5V
GND
+5 V
b9 b14 b13 a31 a30
D0 D1 D2 D3 D4 D5 D6 D7
/CS /RD /WR A0 A1
VCC GND
8254
OUT0 GATE0 CLK0
OUT1 GATE1 CLK1
OUT2 GATE2 CLK2
34-PIN IDC
OUT0 GATE0 CLK0
OUT1 GATE1 CLK1
OUT2 GATE2 CLK2
b5 b7 b9 b3 b1
-5 V
-12 V
+12 V
+5 V
GND
+5 V
OSC
NC VCC
GND OUT
74393
1A 1CLEAR 1QA 1QB 1QC 1QD GND
VCC 2A 2CLEAR 2QA 2QB 2QC 2QD
OUT/2 OUT/4 OUT/8 OUT/16
8-PIN JUMPER
GND