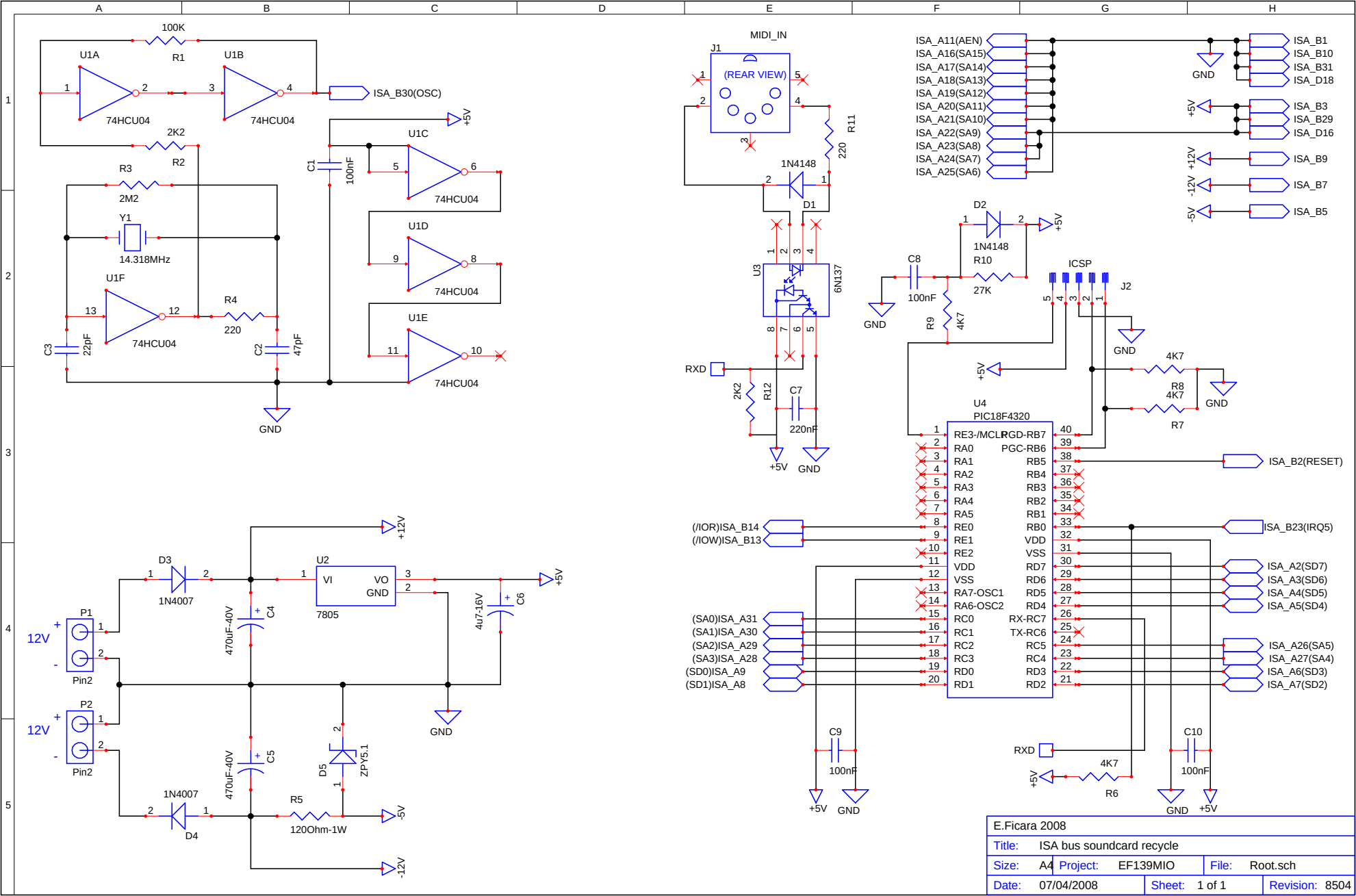
A
B
C
D
E
F
G
H
1
2
3
4
5
100K
R1
U1A
U1B
74HCU04
ISA_B30(OSC)
2K2
R2
R3
2M2
Y1
14.318MHz
U1F
R4
220
C3
22pF
C2
47pF
GND
C1
100nF
+5V
U1C
U1D
U1E
MIDI_IN
J1
(REAR VIEW)
R11
220
1N4148
D1
U3
6N137
RXD
2K2
R12
C7
220nF
D2
R10
27K
C8
100nF
R9
4K7
ICSP
J2
R8
R7
U4
PIC18F4320
RE3-/MCLR
RA0
RA1
RA2
RA3
RA4
RA5
RE0
RE1
RE2
VDD
VSS
RA7-OSC1
RA6-OSC2
RC0
RC1
RC2
RC3
RD0
RD1
PGD-RB7
PGC-RB6
RB5
RB4
RB3
RB2
RB1
RB0
VDD
VSS
RD7
RD6
RD5
RD4
RX-RC7
TX-RC6
RC5
RC4
RD3
RD2
ISA_A11(AEN)
ISA_A16(SA15)
ISA_A17(SA14)
ISA_A18(SA13)
ISA_A19(SA12)
ISA_A20(SA11)
ISA_A21(SA10)
ISA_A22(SA9)
ISA_A23(SA8)
ISA_A24(SA7)
ISA_A25(SA6)
ISA_B1
ISA_B10
ISA_B31
ISA_D18
ISA_B3
ISA_B29
ISA_D16
ISA_B9
ISA_B7
ISA_B5
ISA_B2(RESET)
ISA_B23(IRQ5)
(/IOR)ISA_B14
(/IOW)ISA_B13
(SA0)ISA_A31
(SA1)ISA_A30
(SA2)ISA_A29
(SA3)ISA_A28
(SD0)ISA_A9
(SD1)ISA_A8
ISA_A2(SD7)
ISA_A3(SD6)
ISA_A4(SD5)
ISA_A5(SD4)
ISA_A26(SA5)
ISA_A27(SA4)
ISA_A6(SD3)
ISA_A7(SD2)
C9
100nF
C10
100nF
R6
4K7
+12V
-12V
-5V
D3
1N4007
U2
7805
VI
VO
GND
C4
470uF-40V
C6
4u7-16V
P1
12V
Pin2
P2
C5
470uF-40V
D5
ZPY5.1
D4
1N4007
R5
120Ohm-1W
E.Ficara 2008
Title: ISA bus soundcard recycle
Size: A4
Project: EF139MIO
File: Root.sch
Date: 07/04/2008
Sheet: 1 of 1
Revision: 8504