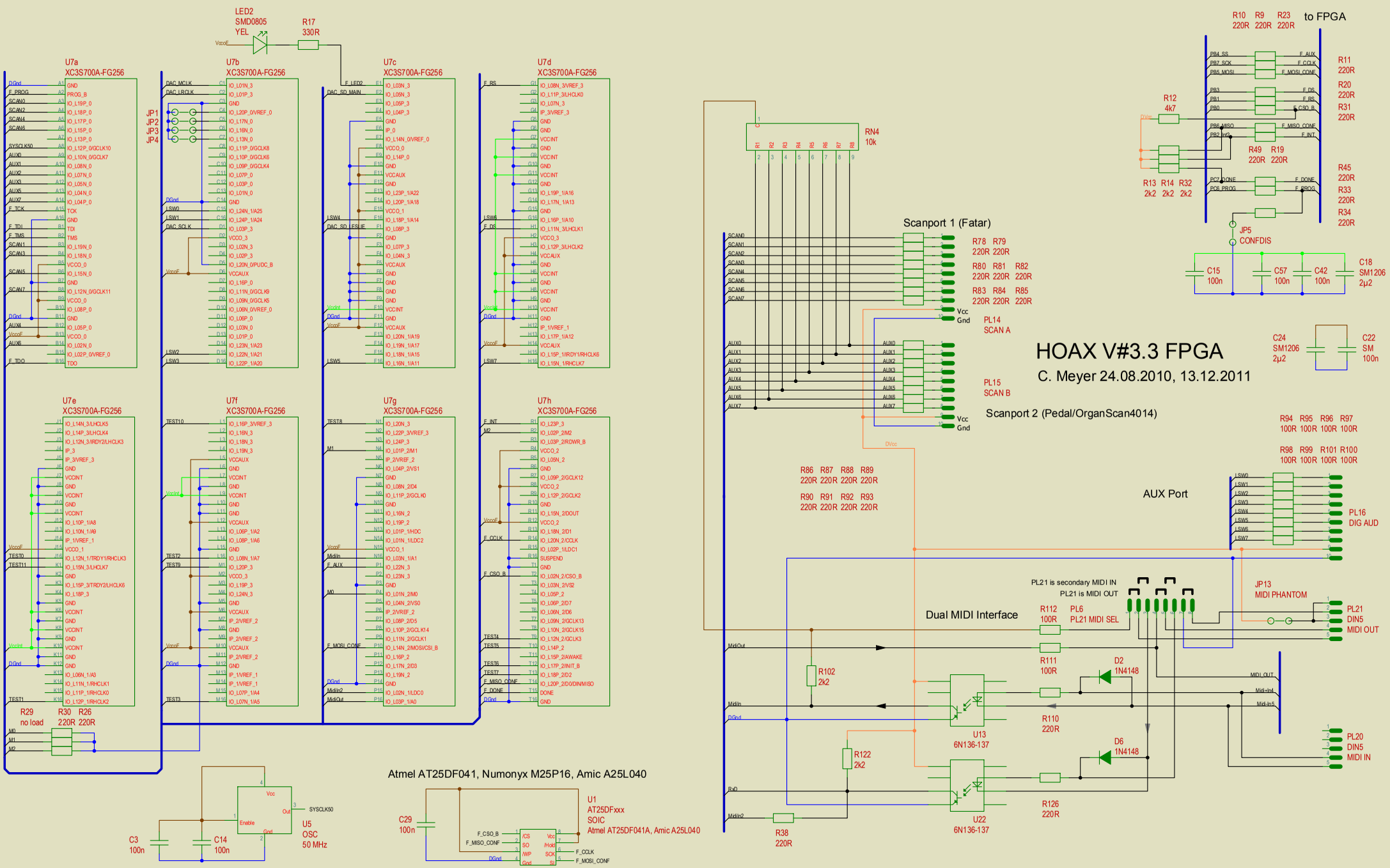
HOAX V#3.3 FPGA
C. Meyer 24.08.2010, 13.12.2011
U7a XC3S700A-FG256
U7b XC3S700A-FG256
U7c XC3S700A-FG256
U7d XC3S700A-FG256
U7e XC3S700A-FG256
U7f XC3S700A-FG256
U7g XC3S700A-FG256
U7h XC3S700A-FG256
LED2 SMD0805 YEL
R17 330R
JP1
JP2
JP3
JP4
R29 no load
R30 220R
R26 220R
RN4 10k
R12 4k7
R13 2k2
R14 2k2
R32 2k2
R10 220R
R9 220R
R23 220R
to FPGA
R11 220R
R20 220R
R31 220R
R45 220R
R33 220R
R34 220R
R49 220R
R19 220R
JP5 CONFDIS
C15 100n
C57 100n
C42 100n
C18 SM1206 2µ2
C24 SM1206 2µ2
C22 SM 100n
Scanport 1 (Fatar)
R78 220R
R79 220R
R80 220R
R81 220R
R82 220R
R83 220R
R84 220R
R85 220R
PL14 SCAN A
PL15 SCAN B
Scanport 2 (Pedal/OrganScan4014)
R86 220R
R87 220R
R88 220R
R89 220R
R90 220R
R91 220R
R92 220R
R93 220R
R94 100R
R95 100R
R96 100R
R97 100R
R98 100R
R99 100R
R101 100R
R100 100R
AUX Port
PL16 DIG AUD
PL21 is secondary MIDI IN
PL21 is MIDI OUT
Dual MIDI Interface
R112 100R
PL6 PL21 MIDI SEL
JP13 MIDI PHANTOM
PL21 DIN5 MIDI OUT
R111 100R
D2 1N4148
R102 2k2
R110 220R
U13 6N136-137
R122 2k2
D6 1N4148
R126 220R
U22 6N136-137
R38 220R
PL20 DIN5 MIDI IN
Atmel AT25DF041, Numonyx M25P16, Amic A25L040
U1 AT25DFxxx SOIC Atmel AT25DF041A, Amic A25L040
C29 100n
C3 100n
C14 100n
U5 OSC 50 MHz
SYSCLK50