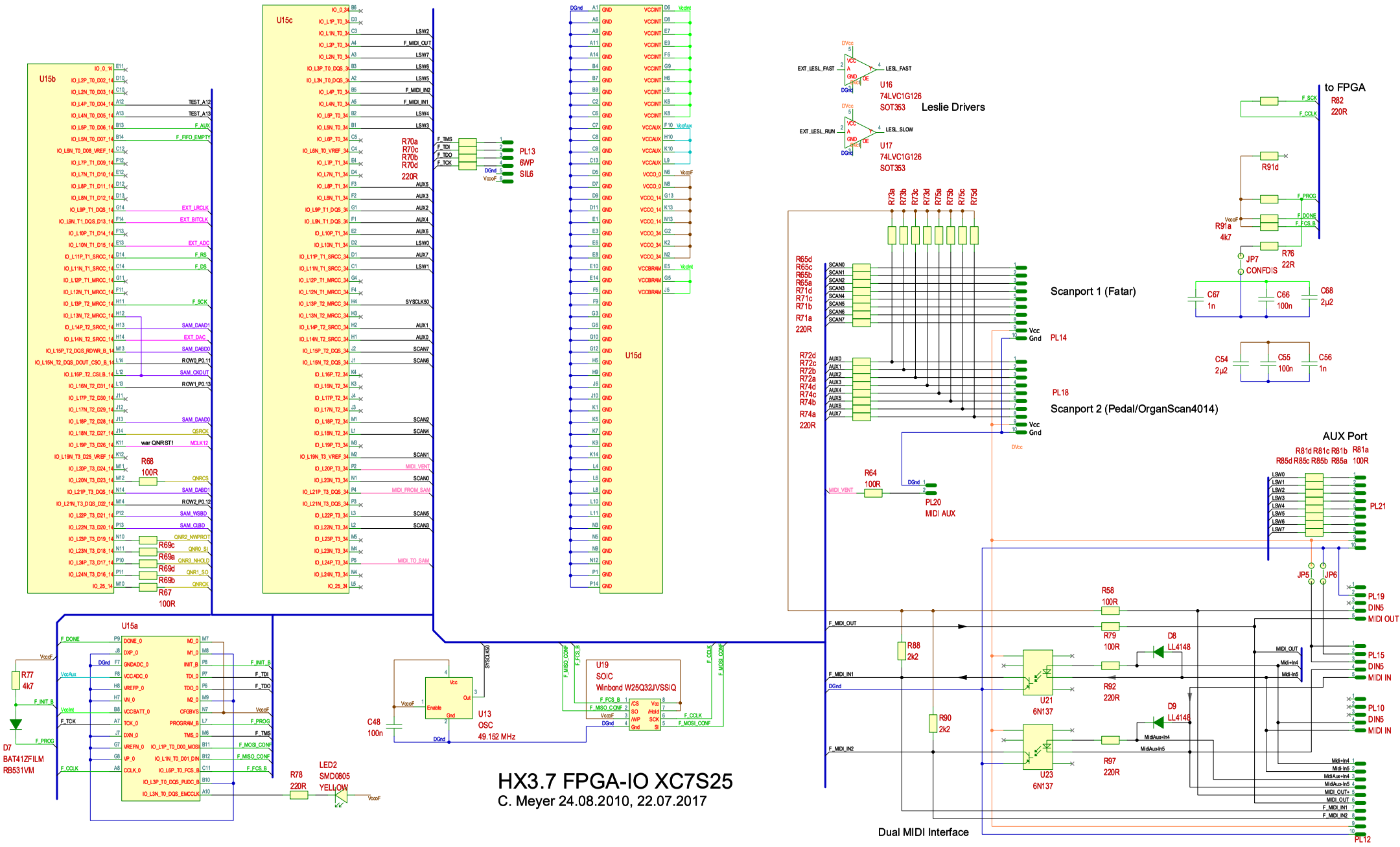
U15b
U15c
U15d
U15a
U16
74LVC1G126
SOT353
Leslie Drivers
U17
74LVC1G126
SOT353
EXT_LESL_FAST
LESL_FAST
EXT_LESL_RUN
LESL_SLOW
to FPGA
R82
220R
F_SCK
F_CCLK
R91d
F_PROG
F_DONE
F_FCS_B
R91a
4k7
R76
22R
JP7
CONFDIS
C67
1n
C66
100n
C68
2µ2
C54
2µ2
C55
100n
C56
1n
R73a
R73b
R73c
R73d
R75a
R75b
R75c
R75d
R65d
R65c
R65b
R65a
R71d
R71c
R71b
R71a
220R
SCAN0
SCAN1
SCAN2
SCAN3
SCAN4
SCAN5
SCAN6
SCAN7
Vcc
Gnd
PL14
Scanport 1 (Fatar)
R72d
R72c
R72b
R72a
R74d
R74c
R74b
R74a
220R
AUX0
AUX1
AUX2
AUX3
AUX4
AUX5
AUX6
AUX7
PL18
Scanport 2 (Pedal/OrganScan4014)
R64
100R
MIDI_VENT
DGnd
PL20
MIDI AUX
AUX Port
R81d R81c R81b R81a
R85d R85c R85b R85a
100R
LSW0
LSW1
LSW2
LSW3
LSW4
LSW5
LSW6
LSW7
PL21
JP5
JP6
PL19
DIN5
MIDI OUT
PL15
DIN5
MIDI IN
PL10
DIN5
MIDI IN
PL12
Dual MIDI Interface
R58
100R
R79
100R
R92
220R
R97
220R
R88
2k2
R90
2k2
D8
LL4148
D9
LL4148
U21
6N137
U23
6N137
F_MIDI_OUT
F_MIDI_IN1
F_MIDI_IN2
DGnd
MIDI_OUT
Midi+In4
Midi-In5
MidiAux+In4
MidiAux-In5
MIDI_OUT+
F_MIDI_IN1
F_MIDI_IN2
R68
100R
R69c
R69a
R69d
R69b
R67
100R
QNR2_NWPRO
QNR0_SI
QNR3_NHOLD
QNR1_SO
QNRCK
QNRCS
SAM_DABD
SAM_CKOUT
SAM_DAADD
QSRCK
MCLK12
SAM_WSBD
SAM_CLBD
SAM_DAAD1
EXT_DAC
ROW0_P0.11
ROW1_P0.13
ROW2_P0.12
TEST_A12
TEST_A13
F_AUX
F_FIFO_EMPTY
EXT_LRCLK
EXT_BITCLK
EXT_ADC
F_RS
F_DS
F_SCK
R70a
R70c
R70b
R70d
220R
PL13
6WP
SIL6
F_TMS
F_TDI
F_TDO
F_TCK
DGnd
VccoF
AUX5
AUX3
AUX2
AUX4
AUX6
LSW0
AUX7
LSW1
SYSCLK50
AUX1
AUX0
SCAN7
SCAN6
SCAN2
SCAN4
SCAN1
MIDI_VENT
SCAN0
MIDI_FROM_SAM
SCAN5
SCAN3
MIDI_TO_SAM
LSW2
F_MIDI_OUT
LSW7
LSW6
LSW5
F_MIDI_IN2
F_MIDI_IN1
LSW4
LSW3
VccInt
VccAux
VccoF
R77
4k7
D7
BAT41ZFILM
RB531VM
F_INIT_B
F_PROG
F_TCK
F_CCLK
F_DONE
VccInt
VccAux
DGnd
F_TDI
F_TDO
F_TMS
F_MOSI_CONF
F_MISO_CONF
F_FCS_B
VccoF
C48
100n
U13
OSC
49.152 MHz
SYSCLK50
U19
SOIC
Winbond W25Q32JVSSIQ
/CS
SO
/WP
Gnd
Vcc
/Hold
SCK
SI
R78
220R
LED2
SMD0805
YELLOW
HX3.7 FPGA-IO XC7S25
C. Meyer 24.08.2010, 22.07.2017