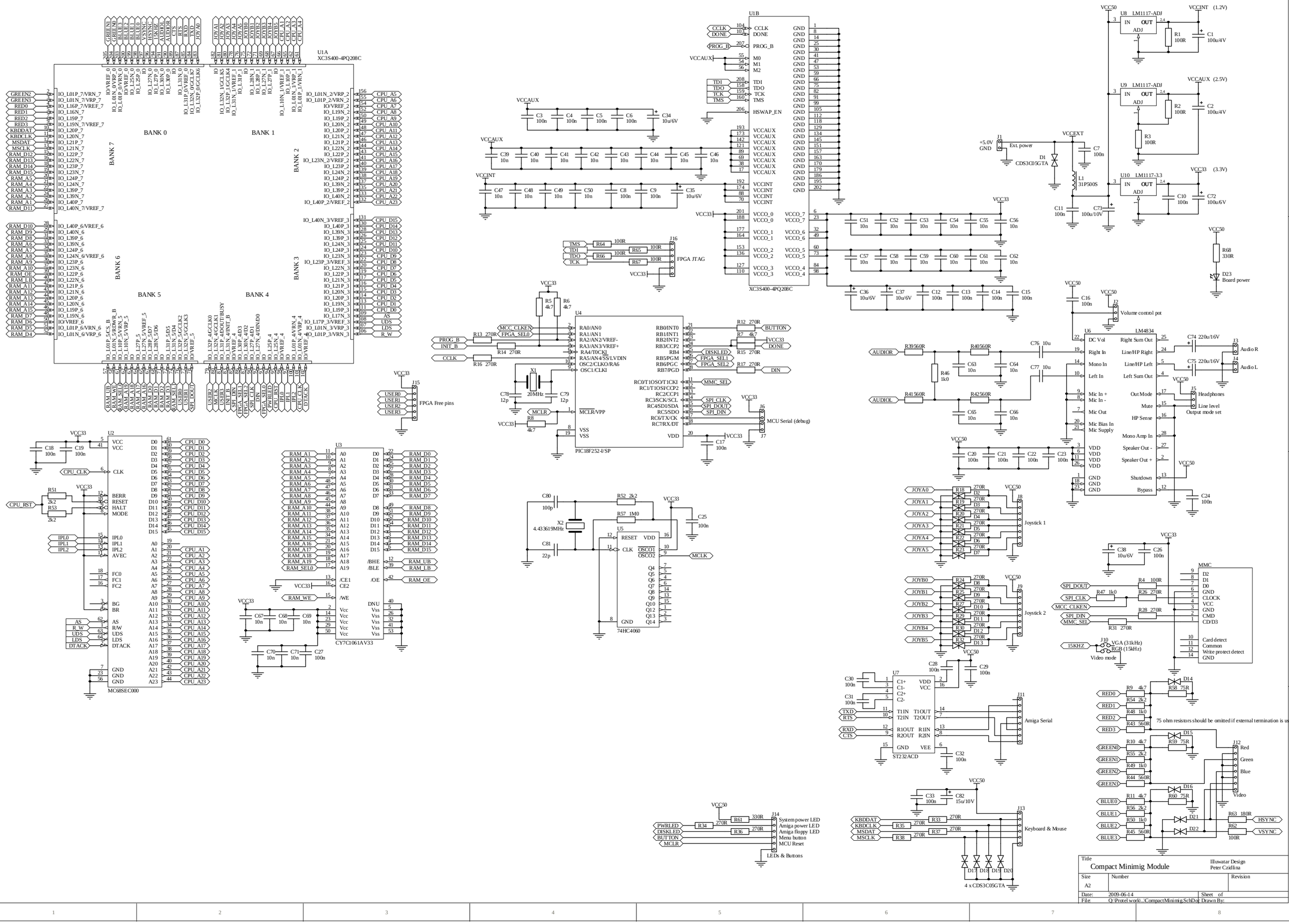
U1A
XC3S400-4PQ208C
BANK 0
BANK 1
BANK 2
BANK 3
BANK 4
BANK 5
BANK 6
BANK 7
U1B
XC3S400-4PQ208C
U2
MC68SEC000
U3
CY7C1061AV33
U4
PIC18F252-I/SP
U5
74HC4060
U6
LM4834
U7
ST232ACD
U8 LM1117-ADJ
U9 LM1117-ADJ
U10 LM1117-3.3
VCC50
VCCINT (1.2V)
VCCAUX (2.5V)
VCC33 (3.3V)
VCCEXT
FPGA JTAG
FPGA Free pins
MCU Serial (debug)
Joystick 1
Joystick 2
Amiga Serial
Keyboard & Mouse
Volume control pot
Audio R
Audio L
Headphones
Line level
Output mode set
Video mode
Red
Green
Blue
Video
System power LED
Amiga power LED
Amiga floppy LED
Menu button
MCU Reset
LEDs & Buttons
MMC
4 x CDS3C05GTA
75 ohm resistors should be omitted if external termination is used.
Title
Compact Minimig Module
Illuwatar Design
Peter Czadlina
Size
A2
Number
Revision
Date: 2009-06-14
Sheet of
File: Q:\Protel work\..\CompactMinimig.SchDoc
Drawn By: