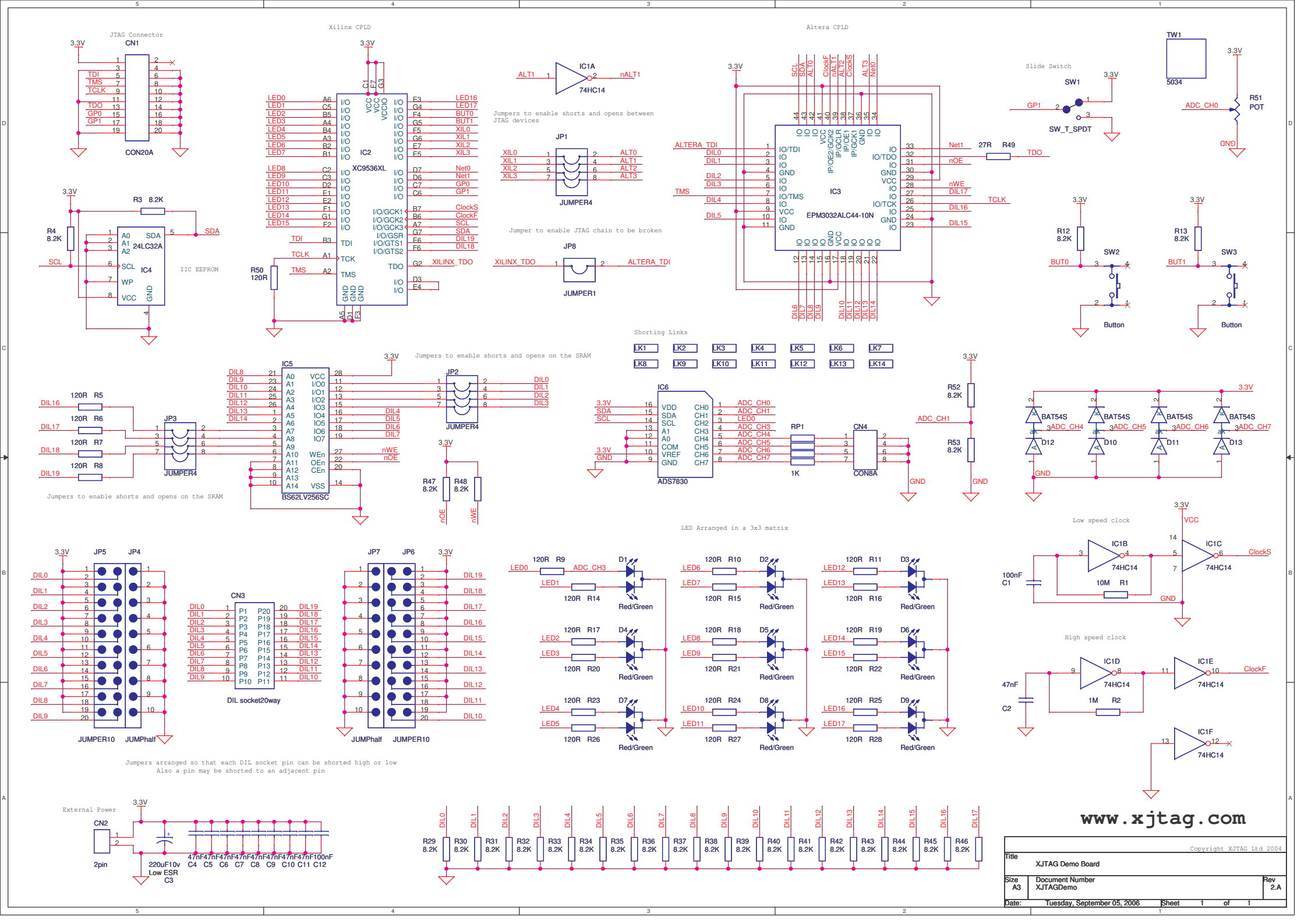
JTAG Connector
CN1
CON20A
Xilinx CPLD
IC2
XC9536XL
IC1A
74HC14
Jumpers to enable shorts and opens between JTAG devices
JP1
JUMPER4
Jumper to enable JTAG chain to be broken
JP8
JUMPER1
Altera CPLD
IC3
EPM3032ALC44-10N
Slide Switch
SW1
SW_T_SPDT
TW1
5034
R51
POT
IC4
24LC32A
IIC EEPROM
R3 8.2K
R4 8.2K
R50 120R
R49 27R
R12 8.2K
R13 8.2K
SW2
SW3
Button
Shorting Links
LK1 LK2 LK3 LK4 LK5 LK6 LK7
LK8 LK9 LK10 LK11 LK12 LK13 LK14
IC5
BS62LV256SC
Jumpers to enable shorts and opens on the SRAM
JP2
JUMPER4
JP3
JUMPER4
R5 R6 R7 R8 120R
R47 8.2K
R48 8.2K
IC6
ADS7830
RP1
1K
CN4
CON8A
R52 8.2K
R53 8.2K
BAT54S
D10 D11 D12 D13
LED Arranged in a 3x3 matrix
Red/Green
Low speed clock
IC1B
IC1C
74HC14
100nF C1
10M R1
High speed clock
IC1D
IC1E
IC1F
47nF C2
1M R2
JP5 JP4
JUMPER10 JUMPhalf
CN3
DIL socket20way
JP7 JP6
JUMPhalf JUMPER10
Jumpers arranged so that each DIL socket pin can be shorted high or low
Also a pin may be shorted to an adjacent pin
External Power
CN2
2pin
220uF10v Low ESR C3
47nF C4 47nF C5 47nF C6 47nF C7 47nF C8 47nF C9 47nF C10 47nF C11 100nF C12
R29 8.2K R30 8.2K R31 8.2K R32 8.2K R33 8.2K R34 8.2K R35 8.2K R36 8.2K R37 8.2K R38 8.2K R39 8.2K R40 8.2K R41 8.2K R42 8.2K R43 8.2K R44 8.2K R45 8.2K R46 8.2K
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