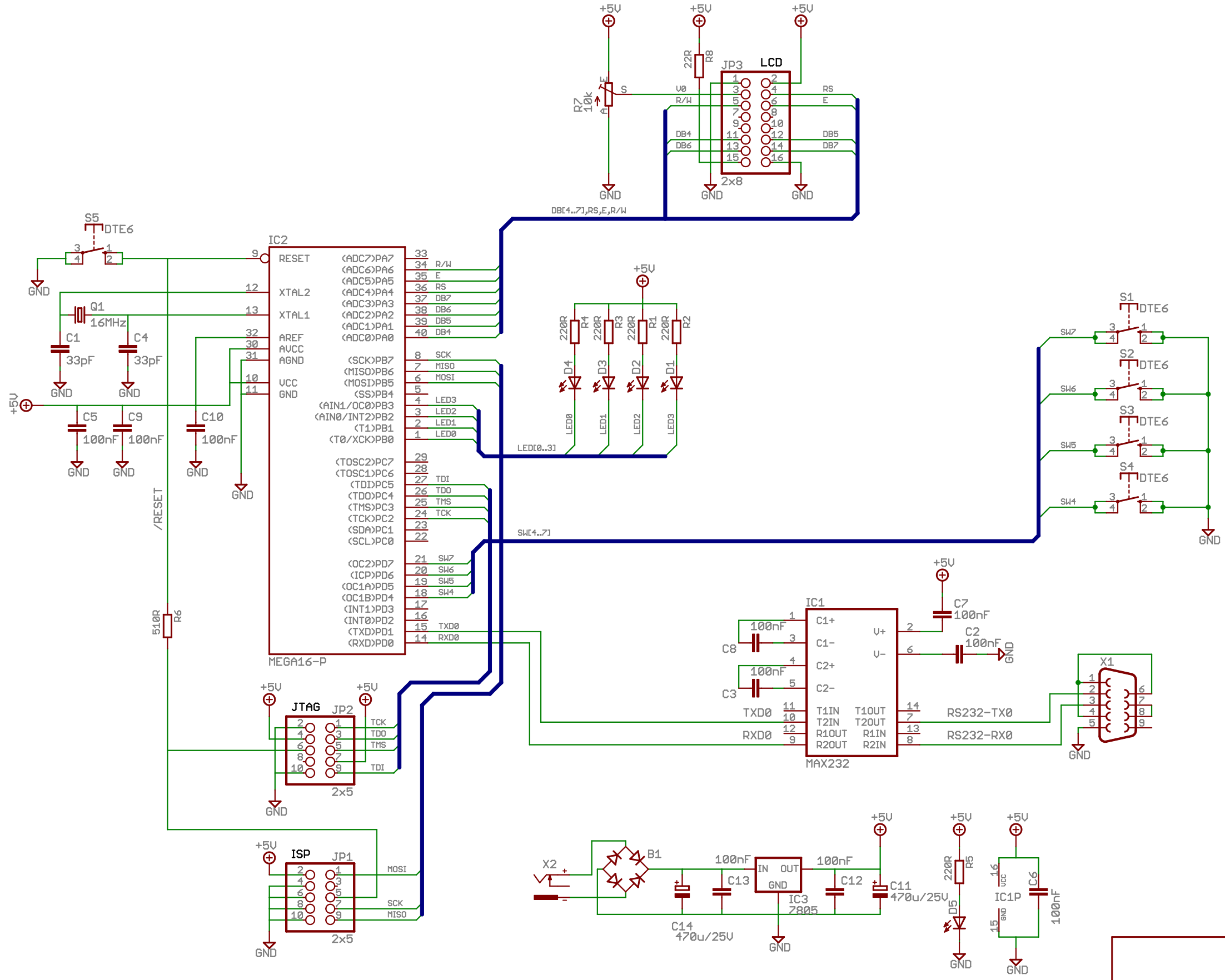
+5V
+5V
+5V
22R
R8
JP3
LCD
R7
10k
S
V0
R/W
RS
E
DB4
DB6
DB5
DB7
2x8
GND
GND
GND
DB[4..7],RS,E,R/W
S5
DTE6
IC2
RESET
XTAL2
XTAL1
AREF
AVCC
AGND
VCC
GND
(ADC7)PA7
(ADC6)PA6
(ADC5)PA5
(ADC4)PA4
(ADC3)PA3
(ADC2)PA2
(ADC1)PA1
(ADC0)PA0
(SCK)PB7
(MISO)PB6
(MOSI)PB5
(SS)PB4
(AIN1/OC0)PB3
(AIN0/INT2)PB2
(T1)PB1
(T0/XCK)PB0
(TOSC2)PC7
(TOSC1)PC6
(TDI)PC5
(TDO)PC4
(TMS)PC3
(TCK)PC2
(SDA)PC1
(SCL)PC0
(OC2)PD7
(ICP)PD6
(OC1A)PD5
(OC1B)PD4
(INT1)PD3
(INT0)PD2
(TXD)PD1
(RXD)PD0
MEGA16-P
Q1
16MHz
C1
33pF
C4
33pF
C5
100nF
C9
100nF
C10
100nF
/RESET
510R
R6
R/W
E
RS
DB7
DB6
DB5
DB4
SCK
MISO
MOSI
LED3
LED2
LED1
LED0
TDI
TDO
TMS
TCK
TXD0
RXD0
SW7
SW6
SW5
SW4
LED[0..3]
SW[4..7]
220R
R4
220R
R3
220R
R1
220R
R2
D4
D3
D2
D1
LED0
LED1
LED2
LED3
S1
S2
S3
S4
DTE6
SW7
SW6
SW5
SW4
JTAG
JP2
2x5
ISP
JP1
2x5
IC1
MAX232
C1+
C1-
C2+
C2-
V+
V-
T1IN
T2IN
R1OUT
R2OUT
T1OUT
T2OUT
R1IN
R2IN
C8
100nF
C3
100nF
C7
100nF
C2
100nF
RS232-TX0
RS232-RX0
X1
X2
B1
C13
100nF
C14
470u/25V
IC3
7805
IN
OUT
GND
C12
100nF
C11
470u/25V
220R
R5
D5
IC1P
VCC
GND
C6
100nF
TITLE: Eval
Document Number:
REV:
Date: 08.01.2007 22:50:33
Sheet: 1/1