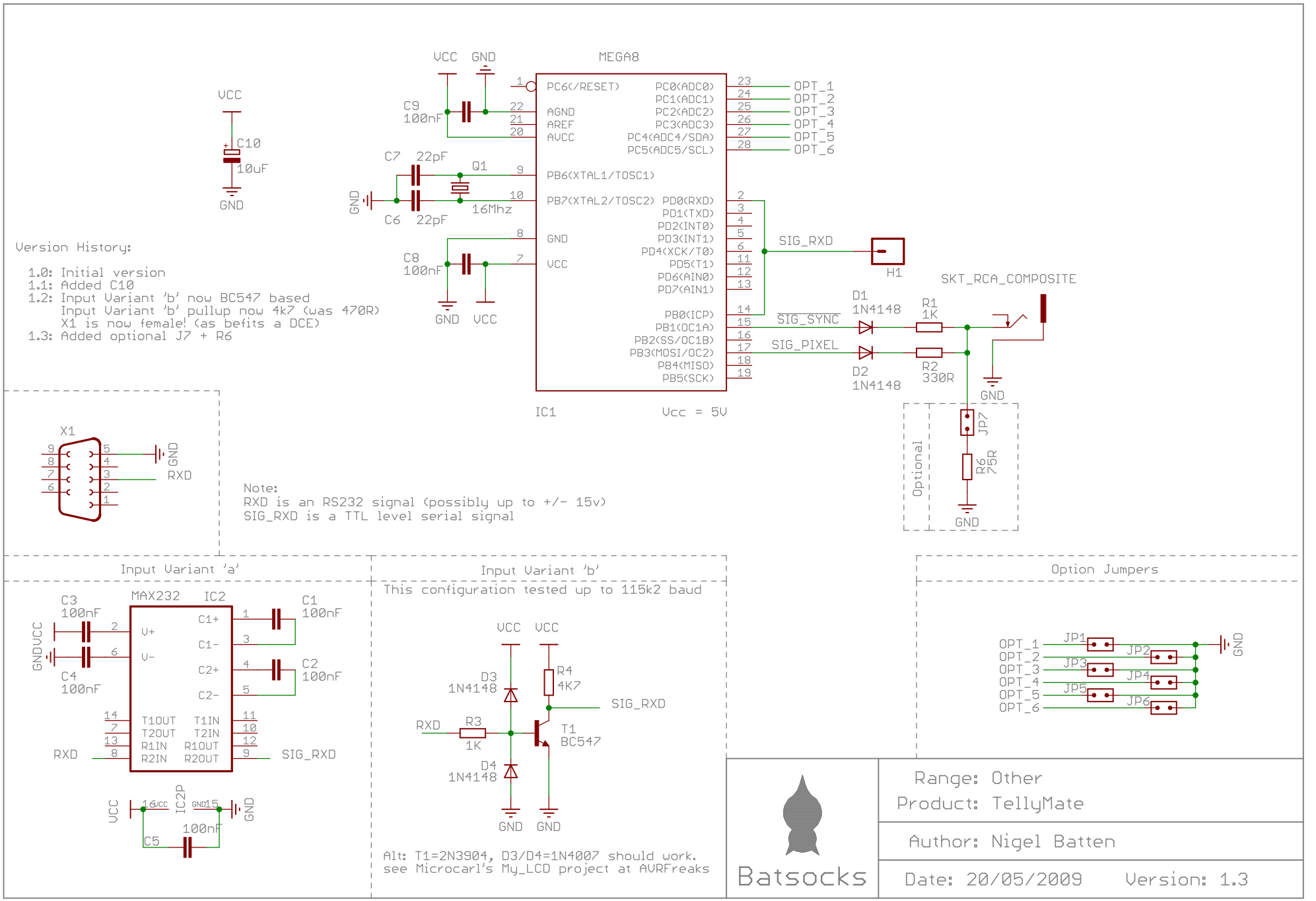
VCC
C10
10uF
GND
VCC GND
MEGA8
C9
100nF
C7 22pF
Q1
16Mhz
C6 22pF
C8
100nF
GND VCC
PC6(/RESET)
AGND
AREF
AVCC
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
GND
VCC
PC0(ADC0)
PC1(ADC1)
PC2(ADC2)
PC3(ADC3)
PC4(ADC4/SDA)
PC5(ADC5/SCL)
PD0(RXD)
PD1(TXD)
PD2(INT0)
PD3(INT1)
PD4(XCK/T0)
PD5(T1)
PD6(AIN0)
PD7(AIN1)
PB0(ICP)
PB1(OC1A)
PB2(SS/OC1B)
PB3(MOSI/OC2)
PB4(MISO)
PB5(SCK)
OPT_1
OPT_2
OPT_3
OPT_4
OPT_5
OPT_6
SIG_RXD
H1
SKT_RCA_COMPOSITE
SIG_SYNC
SIG_PIXEL
D1
1N4148
D2
1N4148
R1
1K
R2
330R
GND
JP7
R6
75R
Optional
GND
IC1
Vcc = 5V
Version History:
1.0: Initial version
1.1: Added C10
1.2: Input Variant 'b' now BC547 based
Input Variant 'b' pullup now 4k7 (was 470R)
X1 is now female! (as befits a DCE)
1.3: Added optional J7 + R6
X1
GND
RXD
Note:
RXD is an RS232 signal (possibly up to +/- 15v)
SIG_RXD is a TTL level serial signal
Input Variant 'a'
C3
100nF
C4
100nF
GNDVCC
MAX232 IC2
C1+
C1-
C2+
C2-
V+
V-
T1OUT
T2OUT
R1IN
R2IN
T1IN
T2IN
R1OUT
R2OUT
C1
100nF
C2
100nF
RXD
SIG_RXD
VCC
IC2P
GND
C5
100nF
Input Variant 'b'
This configuration tested up to 115k2 baud
VCC VCC
D3
1N4148
D4
1N4148
R4
4K7
R3
1K
RXD
SIG_RXD
T1
BC547
GND GND
Alt: T1=2N3904, D3/D4=1N4007 should work.
see Microcarl's My_LCD project at AVRFreaks
Option Jumpers
OPT_1
OPT_2
OPT_3
OPT_4
OPT_5
OPT_6
JP1
JP2
JP3
JP4
JP5
JP6
GND
Batsocks
Range: Other
Product: TellyMate
Author: Nigel Batten
Date: 20/05/2009
Version: 1.3