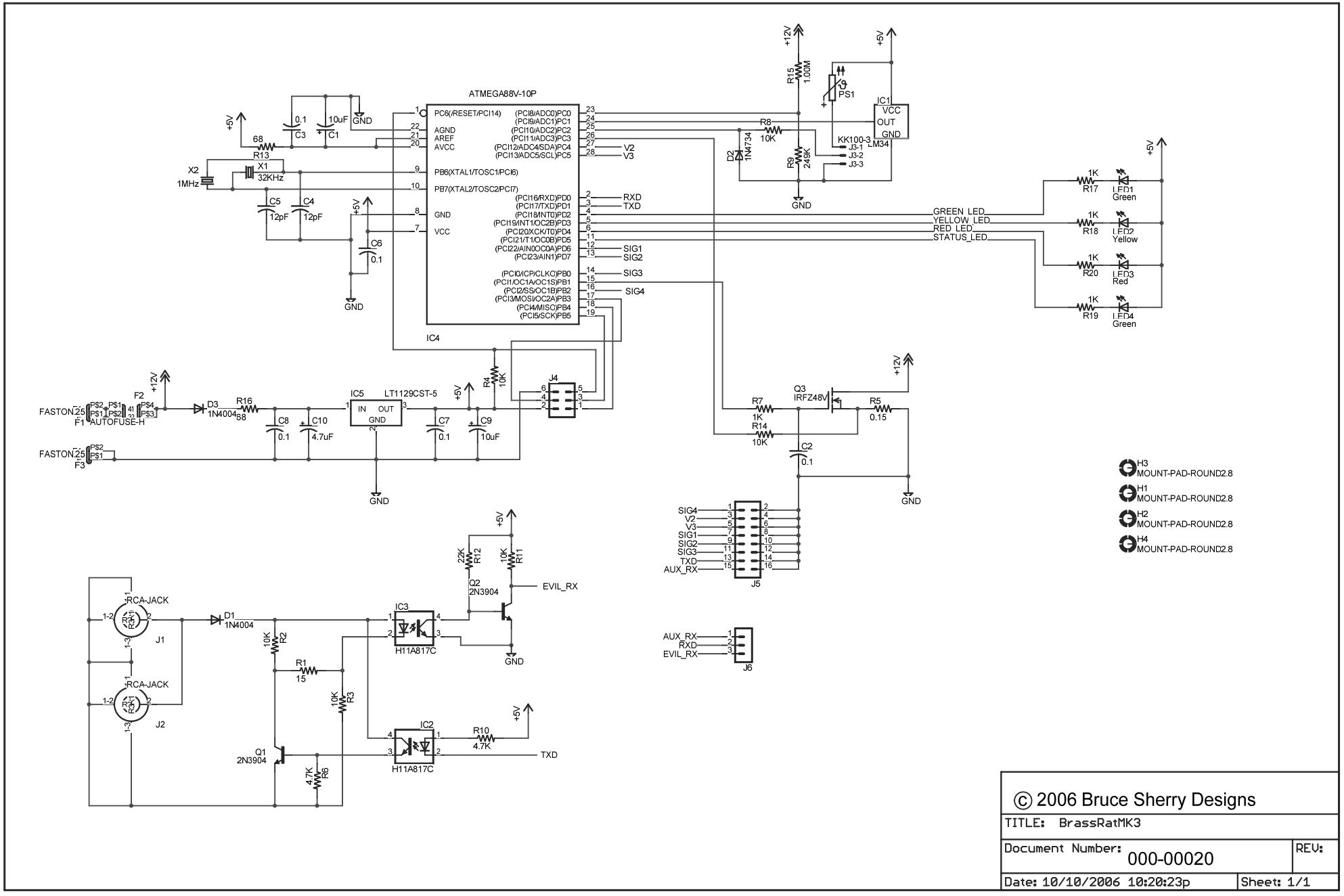
ATMEGA88V-10P
IC4
PC6(/RESET/PCI14)
AGND
AREF
AVCC
PB6(XTAL1/TOSC1/PCI6)
PB7(XTAL2/TOSC2/PCI7)
GND
VCC
(PCI8/ADC0)PC0
(PCI9/ADC1)PC1
(PCI10/ADC2)PC2
(PCI11/ADC3)PC3
(PCI12/ADC4/SDA)PC4
(PCI13/ADC5/SCL)PC5
(PCI16/RXD)PD0
(PCI17/TXD)PD1
(PCI18/INT0)PD2
(PCI19/INT1/OC2B)PD3
(PCI20/XCK/T0)PD4
(PCI21/T1/OC0B)PD5
(PCI22/AIN0OC0A)PD6
(PCI23/AIN1)PD7
(PCI0/ICP/CLKO)PB0
(PCI1/OC1A/OC1S)PB1
(PCI2/SS/OC1B)PB2
(PCI3/MOSI/OC2A)PB3
(PCI4/MISO)PB4
(PCI5/SCK)PB5
V2
V3
RXD
TXD
SIG1
SIG2
SIG3
SIG4
+5V
+12V
GND
C1 10uF
C3 0.1
C4 12pF
C5 12pF
C6 0.1
R13 68
X1 32KHz
X2 1MHz
R15 1.00M
PS1
IC1 LM34
VCC
OUT
GND
KK100-3
J3-1
J3-2
J3-3
R8 10K
R9 249K
D2 1N4734
GREEN_LED
YELLOW_LED
RED_LED
STATUS_LED
R17 1K
R18 1K
R20 1K
R19 1K
LED1 Green
LED2 Yellow
LED3 Red
LED4 Green
F1 AUTOFUSE-H
F2
F3
FASTON.25
D3 1N4004
R16 68
C8 0.1
C10 4.7uF
IC5 LT1129CST-5
IN
OUT
C7 0.1
C9 10uF
R4 10K
J4
Q3 IRFZ48V
R7 1K
R14 10K
R5 0.15
C2 0.1
J5
SIG4
V2
V3
SIG1
SIG2
SIG3
TXD
AUX_RX
H3 MOUNT-PAD-ROUND2.8
H1 MOUNT-PAD-ROUND2.8
H2 MOUNT-PAD-ROUND2.8
H4 MOUNT-PAD-ROUND2.8
RCA-JACK
J1
J2
D1 1N4004
R2 10K
R1 15
R3 10K
IC3 H11A817C
IC2 H11A817C
Q2 2N3904
Q1 2N3904
R12 22K
R11 10K
R10 4.7K
R6 4.7K
EVIL_RX
RXD
J6
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