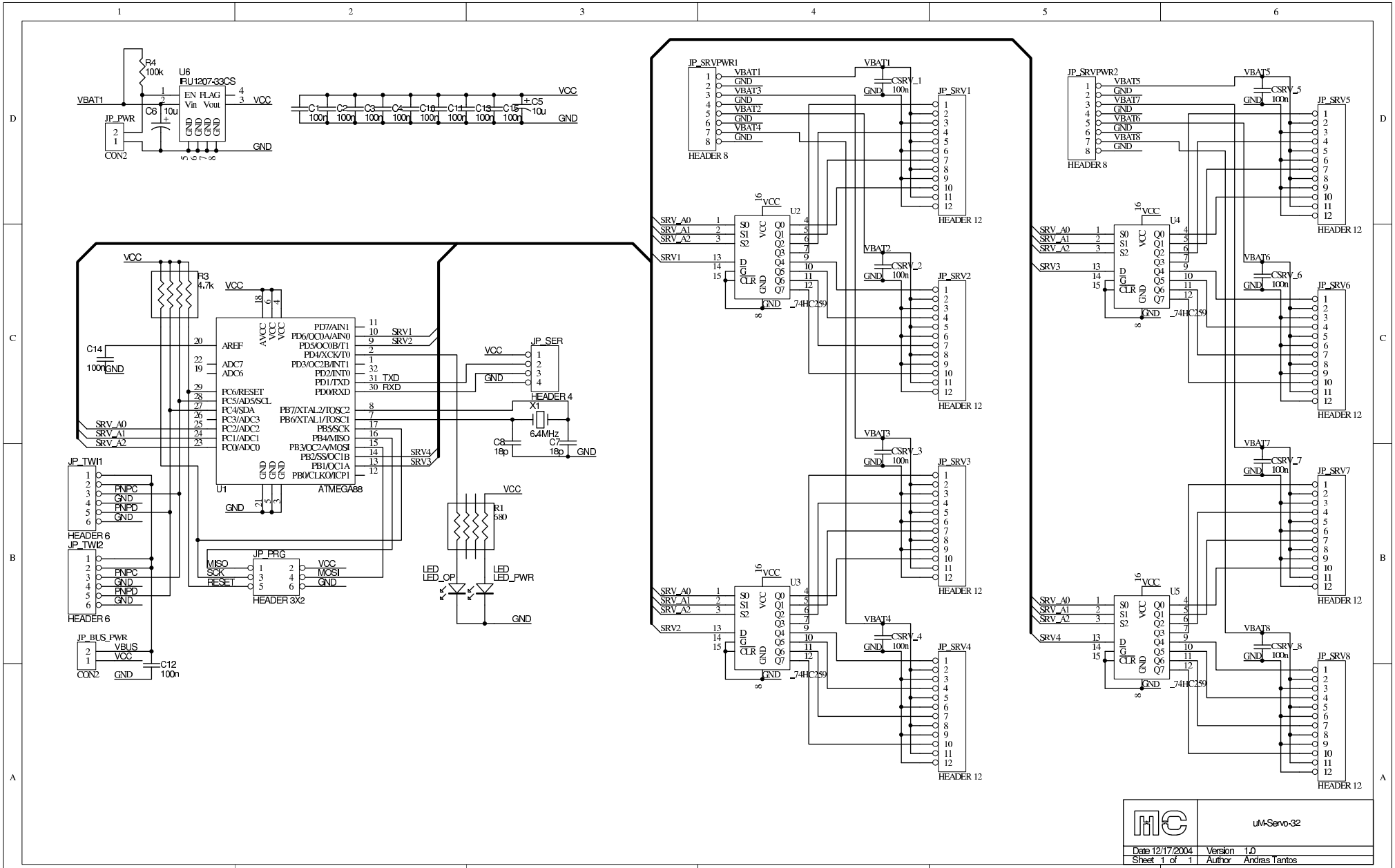
uM-Servo-32
Date 12/17/2004
Sheet 1 of 1
Version 1.0
Author Andras Tantos
U6
IRU1207-33CS
EN FLAG
Vin Vout
R4
100k
C6
10u
JP_PWR
CON2
VBAT1
VCC
GND
C1
C2
C3
C4
C10
C11
C13
C15
C5
10u
U1
ATMEGA88
R3
4.7k
C14
100n
JP_TWI1
HEADER 6
JP_TWI2
HEADER 6
JP_BUS_PWR
CON2
C12
100n
JP_PRG
HEADER 3X2
MISO
SCK
RESET
MOSI
JP_SER
HEADER 4
X1
6.4MHz
C8
18p
C7
18p
R1
680
LED
LED_OP
LED_PWR
JP_SRVPWR1
HEADER 8
JP_SRVPWR2
HEADER 8
U2
U3
U4
U5
_74HC259
JP_SRV1
JP_SRV2
JP_SRV3
JP_SRV4
JP_SRV5
JP_SRV6
JP_SRV7
JP_SRV8
HEADER 12
CSRV_1
CSRV_2
CSRV_3
CSRV_4
CSRV_5
CSRV_6
CSRV_7
CSRV_8
100n
SRV_A0
SRV_A1
SRV_A2
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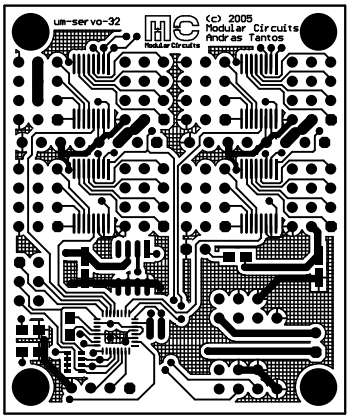
VBAT8


um-servo-32
Modular Circuits
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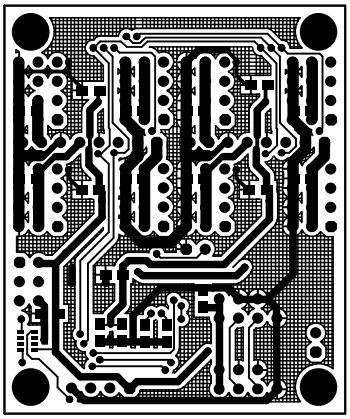
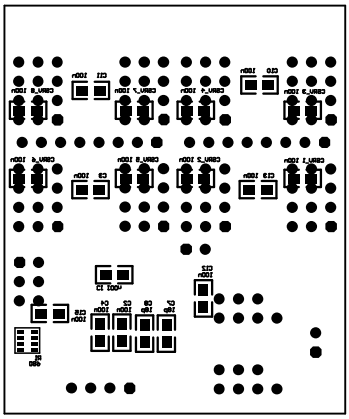
Andras Tantos



JP_SRU8
U5 74HC259
JP_SRU7
JP_SRU4
U3 74HC259
JP_SRU3
JP_SRU12
U4 74HC259
HEADER 8
JP_SRU11
U2 74HC259
HEADER 8
JP_SRU6
JP_SRU5
JP_SRU10
JP_SRU1
1
2
HEADER 3X2
R3
10k
U6
ISL83ID-3V3E
CON2 JP_PWR
JP_SRU2
R4
100k
R2
10k
JP_TAC2
2
1
C14 100n
U1
ATmega328
JP_BUS_PWR
CON2
LED_PWR
R9 4.7k
JP_TAC1
2
1
JP_BUS
HEADER 4
X1 4.4MHz