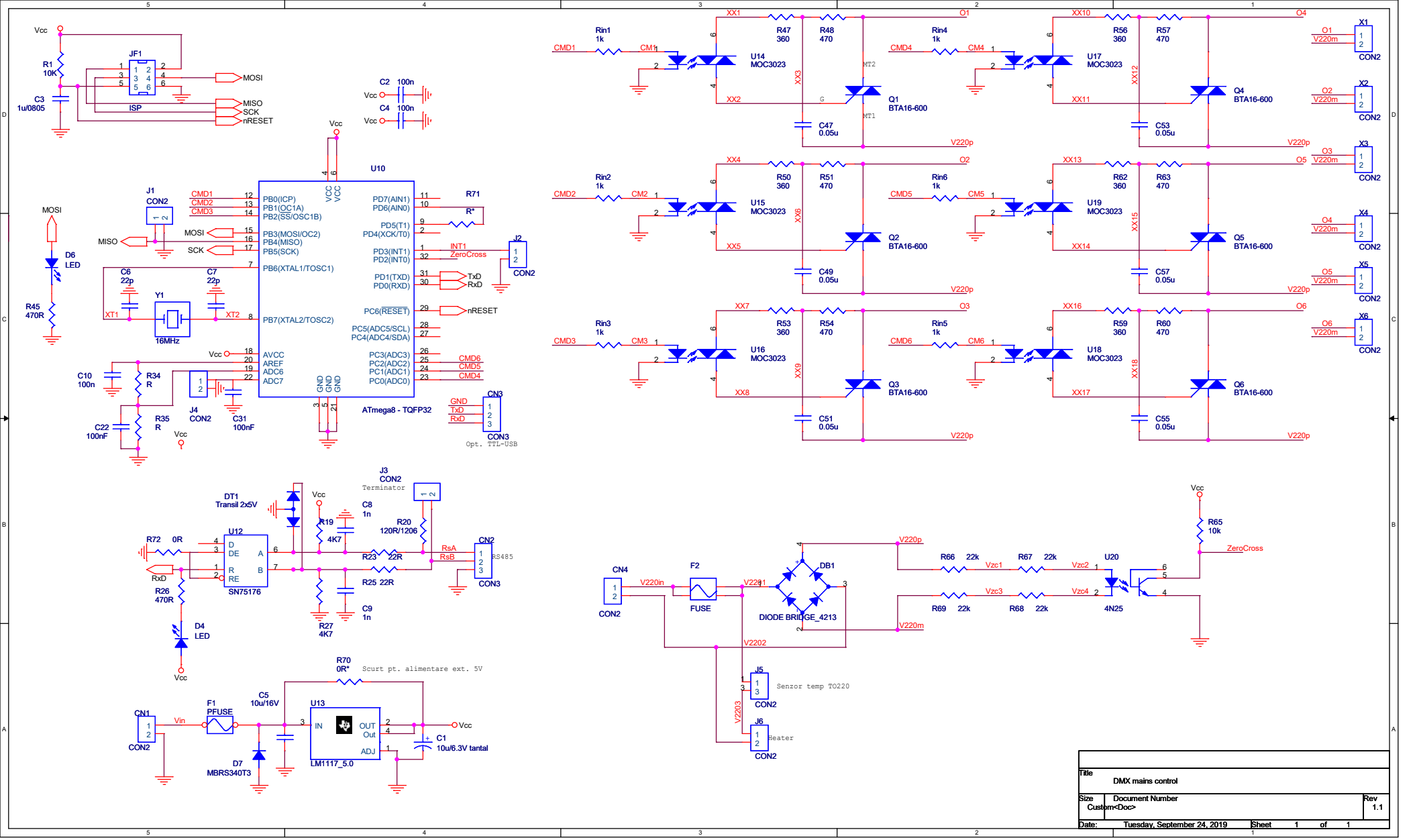
Vcc
R1
10K
C3
1u/0805
JF1
MOSI
MISO
SCK
nRESET
ISP
C2 100n
C4 100n
U10
ATmega8 - TQFP32
J1
CON2
CMD1
CMD2
CMD3
PB0(ICP)
PB1(OC1A)
PB2(SS/OSC1B)
PB3(MOSI/OC2)
PB4(MISO)
PB5(SCK)
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
PD7(AIN1)
PD6(AIN0)
PD5(T1)
PD4(XCK/T0)
PD3(INT1)
PD2(INT0)
PD1(TXD)
PD0(RXD)
PC6(RESET)
PC5(ADC5/SCL)
PC4(ADC4/SDA)
PC3(ADC3)
PC2(ADC2)
PC1(ADC1)
PC0(ADC0)
AVCC
AREF
ADC6
ADC7
R71
R*
INT1
ZeroCross
TxD
RxD
nRESET
CMD6
CMD5
CMD4
D6
LED
R45
470R
C6
22p
C7
22p
Y1
16MHz
XT1
XT2
C10
100n
R34
R
C22
100nF
R35
R
J4
CON2
C31
100nF
J2
CON2
CN3
Opt. TTL-USB
Rin1
1k
Rin2
1k
Rin3
1k
Rin4
1k
Rin5
1k
Rin6
1k
U14
MOC3023
U15
MOC3023
U16
MOC3023
U17
MOC3023
U18
MOC3023
U19
MOC3023
R47
360
R48
470
R50
360
R51
470
R53
360
R54
470
R56
360
R57
470
R59
360
R60
470
R62
360
R63
470
Q1
BTA16-600
Q2
BTA16-600
Q3
BTA16-600
Q4
BTA16-600
Q5
BTA16-600
Q6
BTA16-600
C47
0.05u
C49
0.05u
C51
0.05u
C53
0.05u
C57
0.05u
C55
0.05u
V220p
X1
X2
X3
X4
X5
X6
V220m
DT1
Transil 2x5V
U12
SN75176
R72
0R
RxD
R26
470R
D4
LED
R19
4K7
C8
1n
R20
120R/1206
R23
22R
R25
22R
R27
4K7
C9
1n
J3
CON2
Terminator
RsA
RsB
RS485
CN2
CN3
R70
0R*
Scurt pt. alimentare ext. 5V
CN1
F1
PFUSE
C5
10u/16V
U13
LM1117_5.0
D7
MBRS340T3
C1
10u/6.3V tantal
CN4
F2
FUSE
DB1
DIODE BRIDGE_4213
V220in
V2201
V2202
V2203
J5
Senzor temp TO220
J6
Heater
R65
10k
ZeroCross
R66
22k
R67
22k
R68
22k
R69
22k
U20
4N25
Vzc1
Vzc2
Vzc3
Vzc4
Title
DMX mains control
Size
Document Number
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Rev
1.1
Date:
Tuesday, September 24, 2019
Sheet
1
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