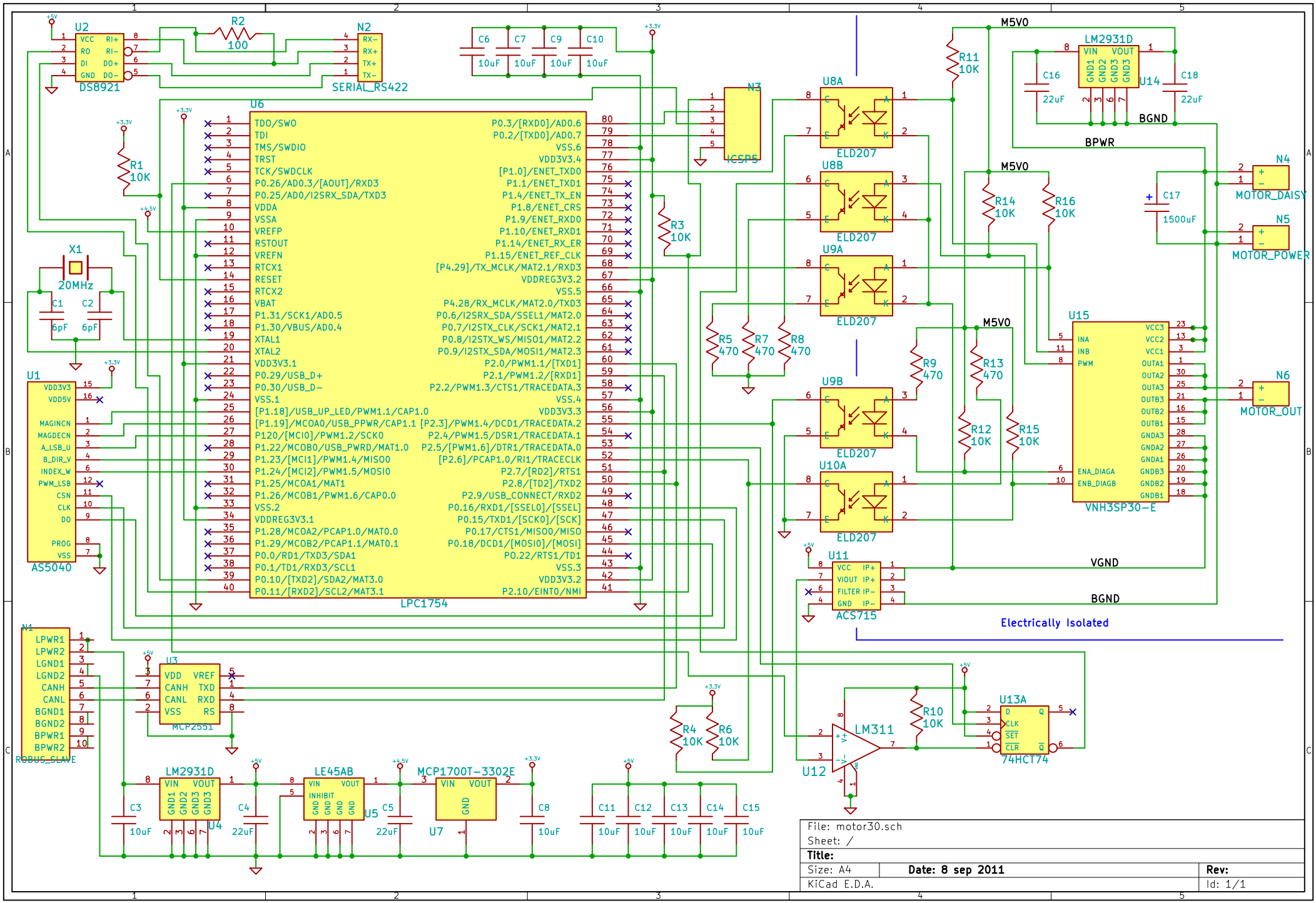
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DS8921
R2
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N2
SERIAL_RS422
C6 C7 C9 C10
10uF 10uF 10uF 10uF
U6
LPC1754
N3
ICSP5
R1
10K
X1
20MHz
C1 C2
6pF 6pF
R3
10K
U1
AS5040
U8A U8B U9A U9B U10A
ELD207
R5 R7 R8
470 470 470
R11
10K
M5V0
LM2931D
U14
C16
22uF
C18
22uF
BGND
BPWR
R14
10K
R16
10K
C17
1500uF
N4
MOTOR_DAISY
N5
MOTOR_POWER
N6
MOTOR_OUT
R9
470
R13
470
R12
10K
R15
10K
U15
VNH3SP30-E
U11
ACS715
VGND
BGND
Electrically Isolated
N1
ROBUS_SLAVE
U3
MCP2551
R4
10K
R6
10K
U12
LM311
R10
10K
U13A
74HCT74
LM2931D
U4
C3
10uF
C4
22uF
LE45AB
U5
C5
22uF
MCP1700T-3302E
U7
C8
10uF
C11 C12 C13 C14 C15
10uF 10uF 10uF 10uF 10uF
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Rev:
KiCad E.D.A.
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