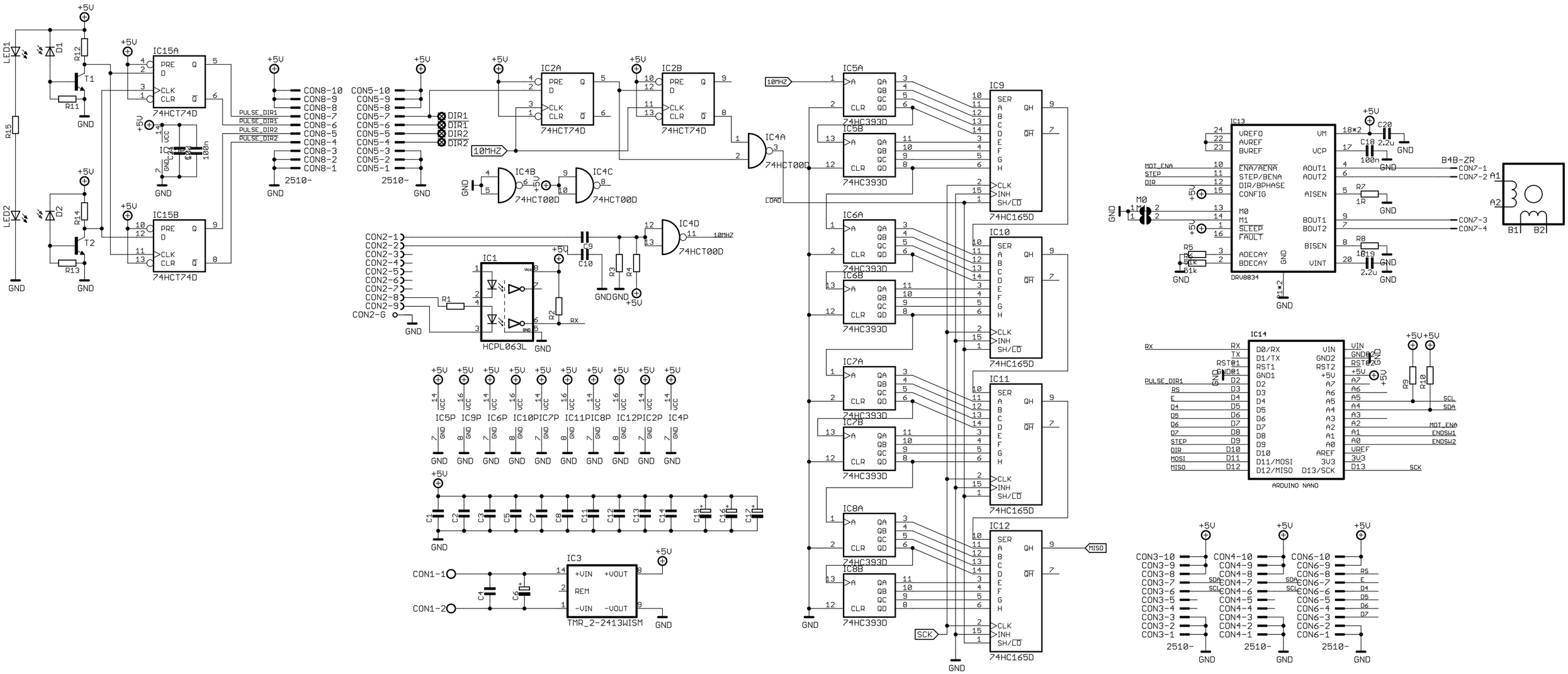
LED1
LED2
D1
D2
R12
R14
R11
R13
R15
T1
T2
GND
+5V
IC15A
IC15B
74HCT74D
PRE
CLK
CLR
D
Q
IC15P
VCC
C21
100n
PULSE_DIR1
PULSE_DIR2
CON8-10
CON8-9
CON8-8
CON8-7
CON8-6
CON8-5
CON8-4
CON8-3
CON8-2
CON8-1
2510-
CON5-10
CON5-9
CON5-8
CON5-7
CON5-6
CON5-5
CON5-4
CON5-3
CON5-2
CON5-1
DIR1
DIR2
10MHZ
IC2A
IC2B
IC4A
IC4B
IC4C
74HCT00D
IC4D
CON2-1
CON2-2
CON2-3
CON2-4
CON2-5
CON2-6
CON2-7
CON2-8
CON2-9
CON2-G
IC1
HCPL063L
R1
R2
R3
R4
C9
C10
RX
IC5P
IC9P
IC6P
IC10P
IC7P
IC11P
IC8P
IC12P
IC2P
IC4P
C1
C2
C3
C5
C7
C8
C11
C12
C13
C14
C15
C16
C17
CON1-1
CON1-2
IC3
TMR_2-2413WISM
C4
C6
+VIN
+VOUT
REM
-VIN
-VOUT
IC5A
IC5B
IC6A
IC6B
IC7A
IC7B
IC8A
IC8B
74HC393D
IC9
IC10
IC11
IC12
74HC165D
SER
QH
CLK
INH
SH/LD
LOAD
SCK
MISO
IC13
DRV8834
VREFO
AVREF
BVREF
VM
VCP
MOT_ENA
STEP
DIR
CONFIG
AOUT1
AOUT2
AISEN
BOUT1
BOUT2
BISEN
VINT
ADECAY
BDECAY
M0
M1
SLEEP
FAULT
R5
R7
R8
R9
C18
C19
C20
B4B-ZR
CON7-1
CON7-2
CON7-3
CON7-4
A1
A2
B1
B2
IC14
ARDUINO NANO
D0/RX
D1/TX
RST1
GND1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11/MOSI
D12/MISO
D13/SCK
VIN
GND2
RST2
+5V
A7
A6
A5
A4
A3
A2
A1
A0
AREF
3V3
R10
SCL
SDA
ENDSW1
ENDSW2
CON3-10
CON3-9
CON3-8
CON3-7
CON3-6
CON3-5
CON3-4
CON3-3
CON3-2
CON3-1
CON4-10
CON4-9
CON4-8
CON4-7
CON4-6
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CON4-3
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CON6-2
CON6-1