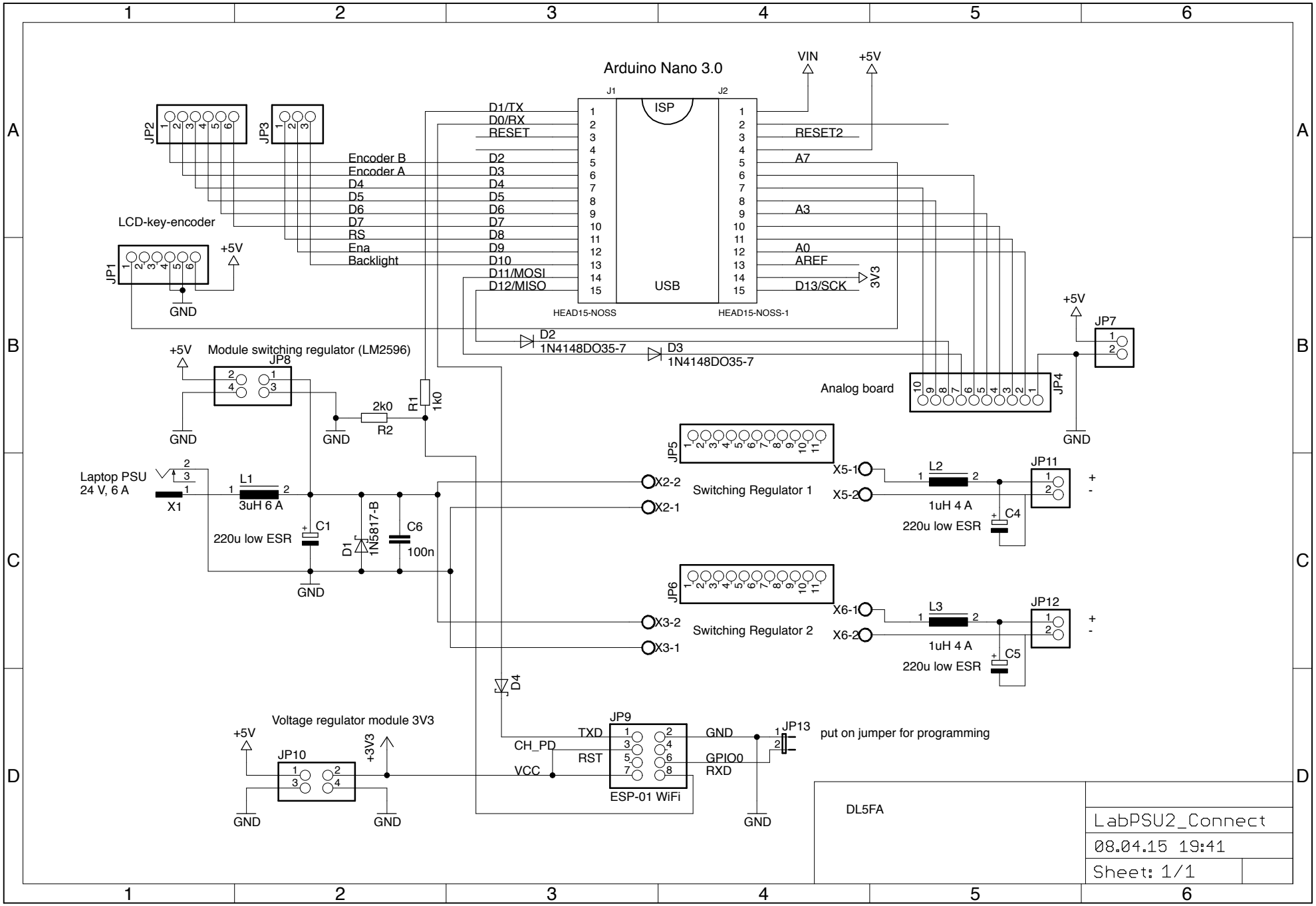
Arduino Nano 3.0
J1
J2
ISP
USB
HEAD15-NOSS
HEAD15-NOSS-1
VIN
+5V
3V3
D1/TX
D0/RX
RESET
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11/MOSI
D12/MISO
RESET2
A7
A3
A0
AREF
D13/SCK
JP2
JP3
JP1
LCD-key-encoder
Encoder B
Encoder A
RS
Ena
Backlight
GND
D2
1N4148DO35-7
D3
1N4148DO35-7
JP7
JP4
Analog board
Module switching regulator (LM2596)
JP8
2k0
R2
R1
1k0
Laptop PSU
24 V, 6 A
X1
L1
3uH 6 A
C1
220u low ESR
D1
1N5817-B
C6
100n
JP5
X2-2
X2-1
Switching Regulator 1
X5-1
X5-2
L2
1uH 4 A
C4
220u low ESR
JP11
JP6
X3-2
X3-1
Switching Regulator 2
X6-1
X6-2
L3
1uH 4 A
C5
220u low ESR
JP12
D4
Voltage regulator module 3V3
JP10
+3V3
JP9
TXD
CH_PD
RST
VCC
GND
GPIO0
RXD
ESP-01 WiFi
JP13
put on jumper for programming
DL5FA
LabPSU2_Connect
08.04.15 19:41
Sheet: 1/1