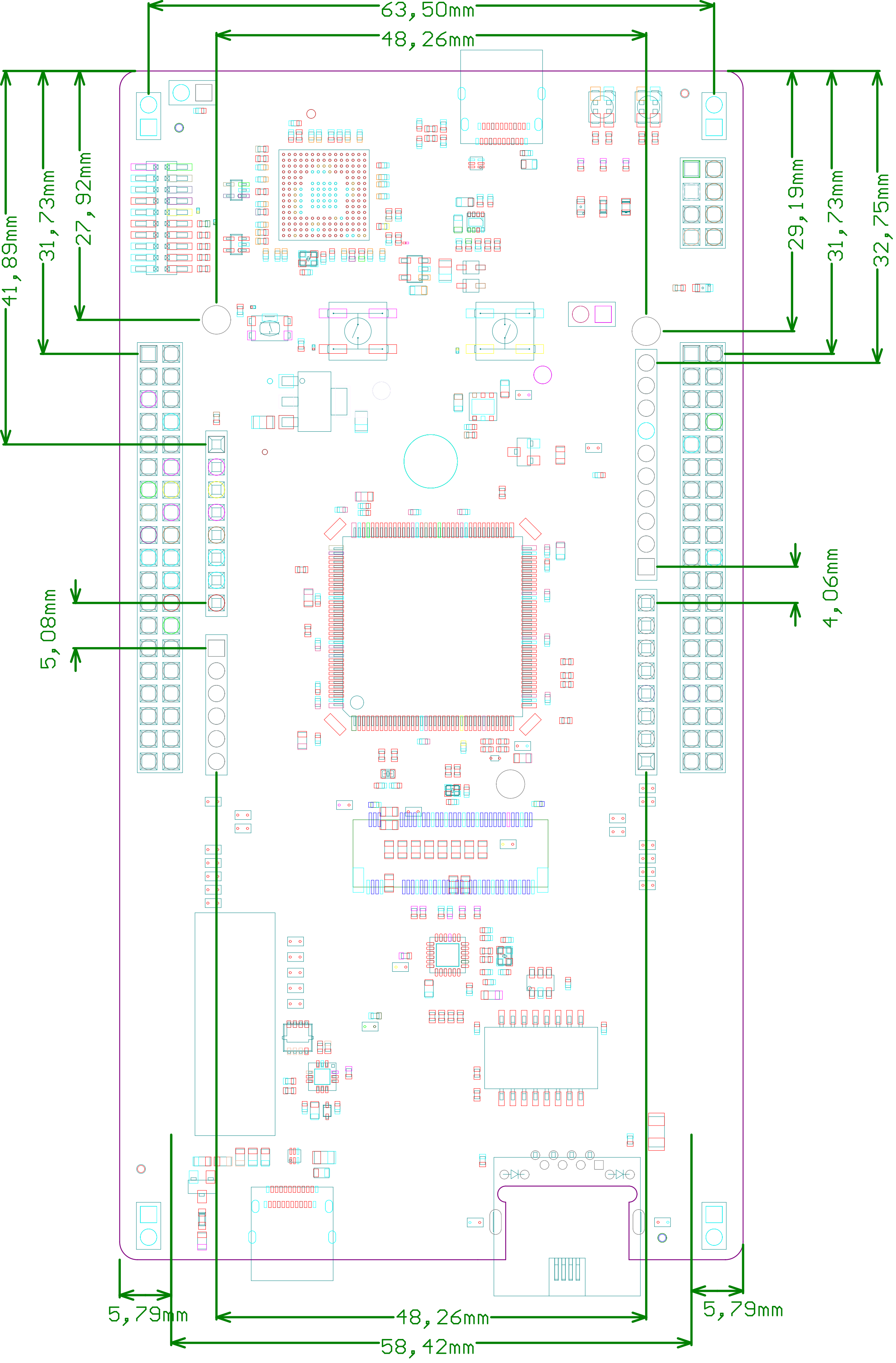
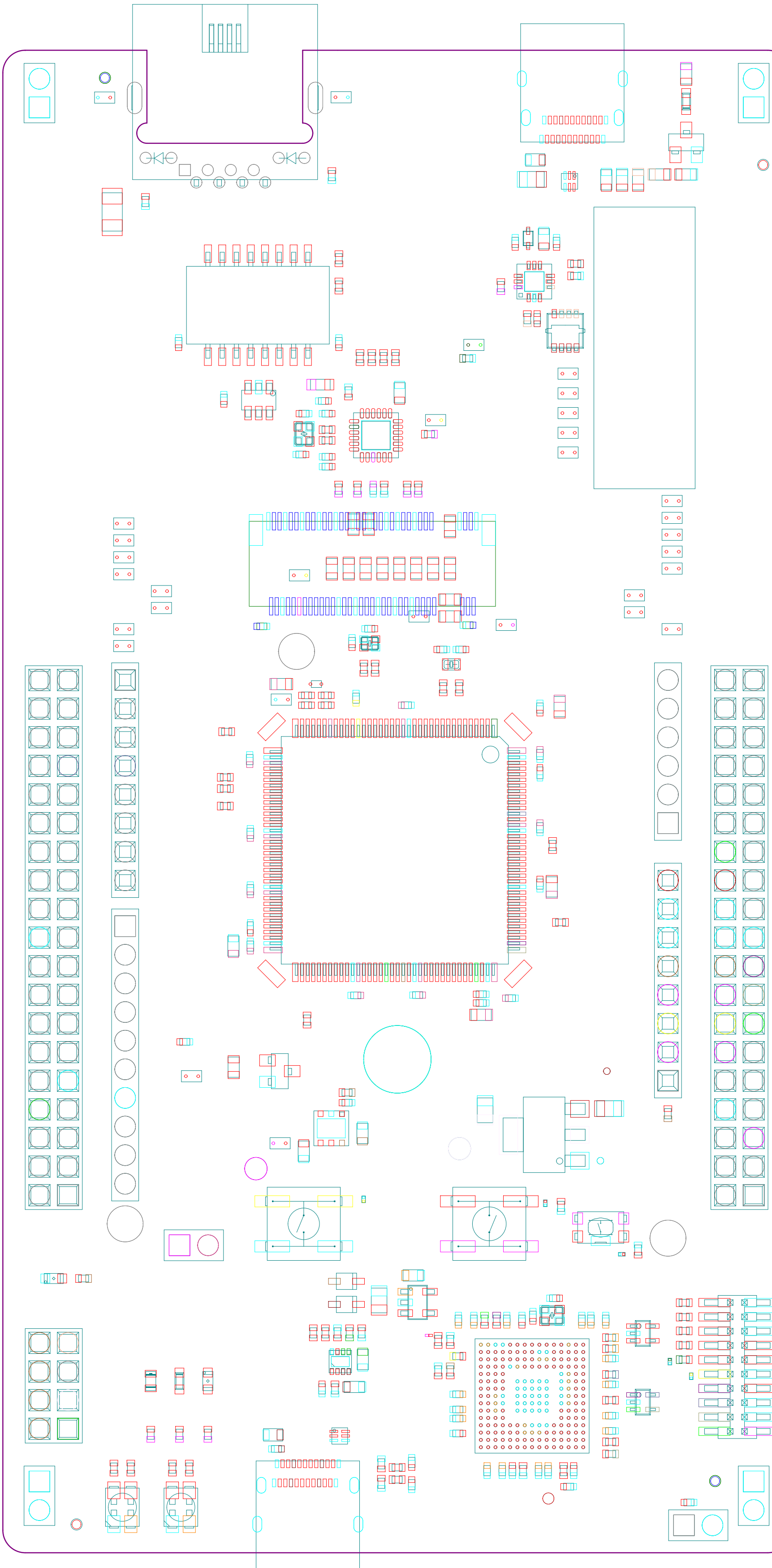
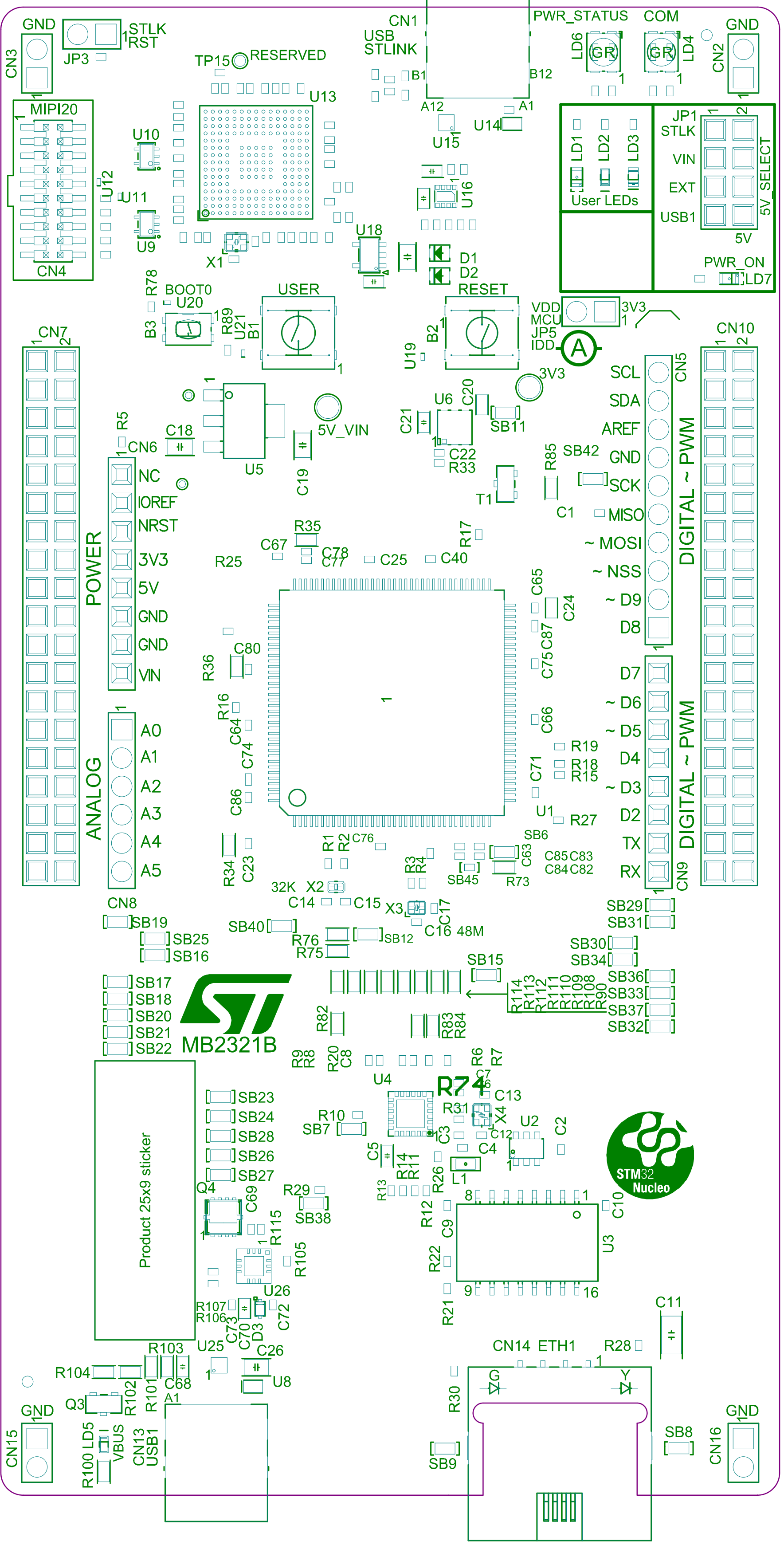
70,00mm

133,34mm


63,50mm
48,26mm
41,89mm
31,73mm
27,92mm
29,19mm
31,73mm
32,75mm
5,08mm
4,06mm
5,79mm
48,26mm
5,79mm
58,42mm





Top Overlay

Top Assembly

.GTO

.GTA



GND GND

CN10 2 1

PC8 PD14 PD3 5V STLK PE0 NC NC PB12 PF13 GND PF2 PF5 PB1 PE10 PE8 AGND PF14 PF8 PF9 PG10 PG11 PG9 PD7 PC1 PA2 PA1 PA7 PC4

PC9 PF1 PF0 AREF GND PE12 PE13 PE14 PE11 PC7 PA9 PA8 PB10 PB5 PB7 PB3 PA10 PF7 PF6 PB9 PB8 PG5 PG15 NC PE0 PD0 PD6 NC

CN5

SCL
SDA
AREF
GND
SCK
MISO
~ MOSI
~ NSS
~ D9
D8

1

D7
~ D6
~ D5
D4
~ D3
D2
TX
RX

1

DIGITAL ~ PWM

CN9

DIGITAL ~ PWM

C106 C107

CN19

1

CN6 1

NC
IOREF
NRST
3V3
5V
GND
GND
VIN

POWER

1

A0
A1
A2
A3
A4
A5

ANALOG

CN8

CN7 2 1

PC11 PD2 5V_EXT GND PG1 3V3 NRST 3V3 5V GND GND PG4 PA6 PC0 PA4 PB0 PF12 PA3 PG7 PD10 NC NC NC NC NC NC NC NC NC NC NC NC

PC10 PC12 3V3 BOOT0 PG0 PF3 PA13 PA14 PA15 GND PG2 PC13 PC14 PC15 PH0 PH1 VBAT PC2 PC3 PD11 PD12 PA7 PD13 PE7 PD5 PE9 PG14 PG6 PB6 PB2 PF10 PB11 PF4 PG3 PB4

CN12 ETHERNET USB CN11

GND GND

M15-Bottom Assembly .GM15

Bottom Overlay