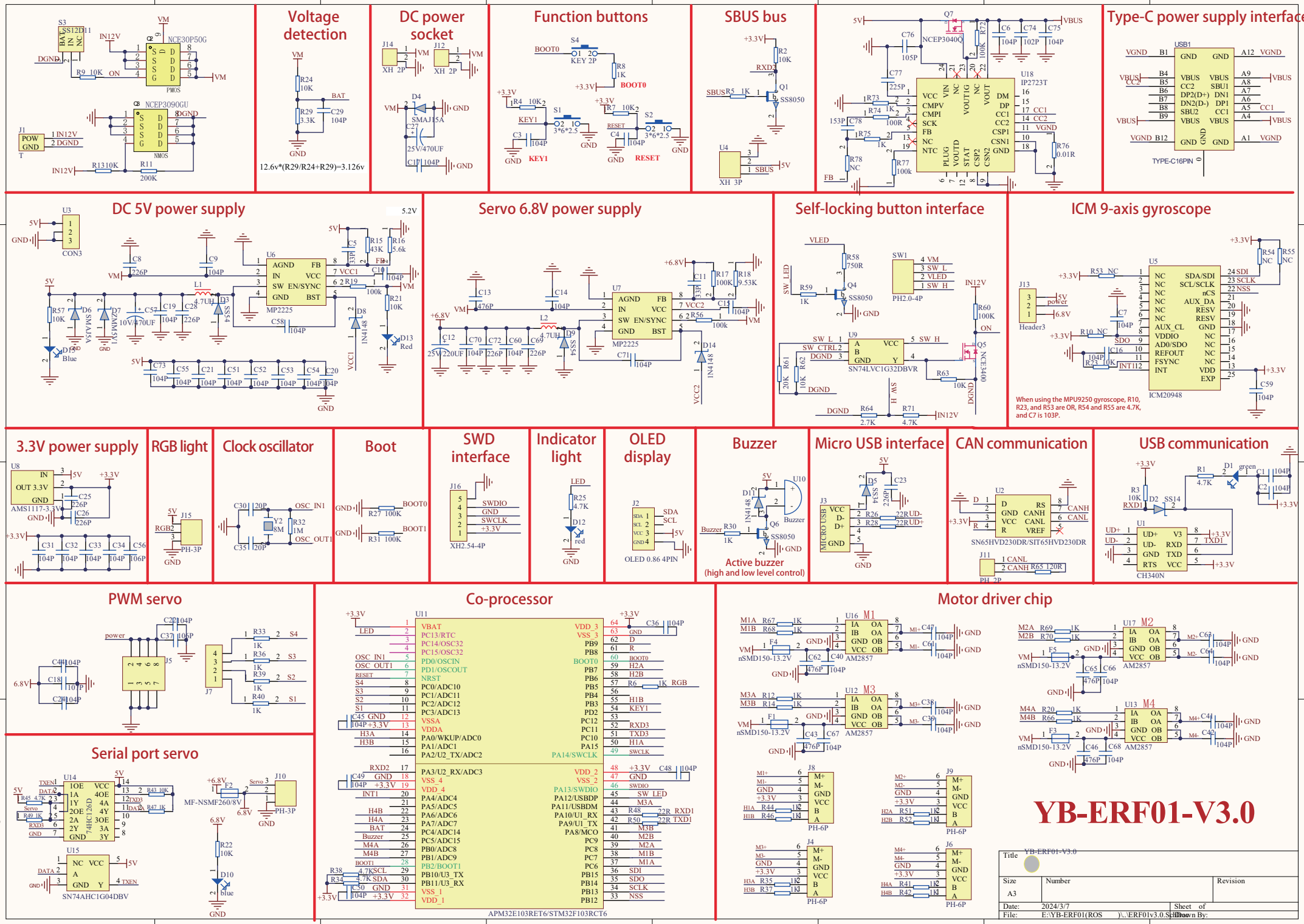
Voltage detection
12.6v*(R29/R24+R29)=3.126v
DC power socket
Function buttons
SBUS bus
Type-C power supply interface
DC 5V power supply
Servo 6.8V power supply
Self-locking button interface
ICM 9-axis gyroscope
When using the MPU9250 gyroscope, R10, R23, and R53 are OR, R54 and R55 are 4.7K, and C7 is 103P.
3.3V power supply
RGB light
Clock oscillator
Boot
SWD interface
Indicator light
OLED display
Buzzer
Active buzzer
(high and low level control)
Micro USB interface
CAN communication
USB communication
PWM servo
Serial port servo
Co-processor
Motor driver chip
YB-ERF01-V3.0