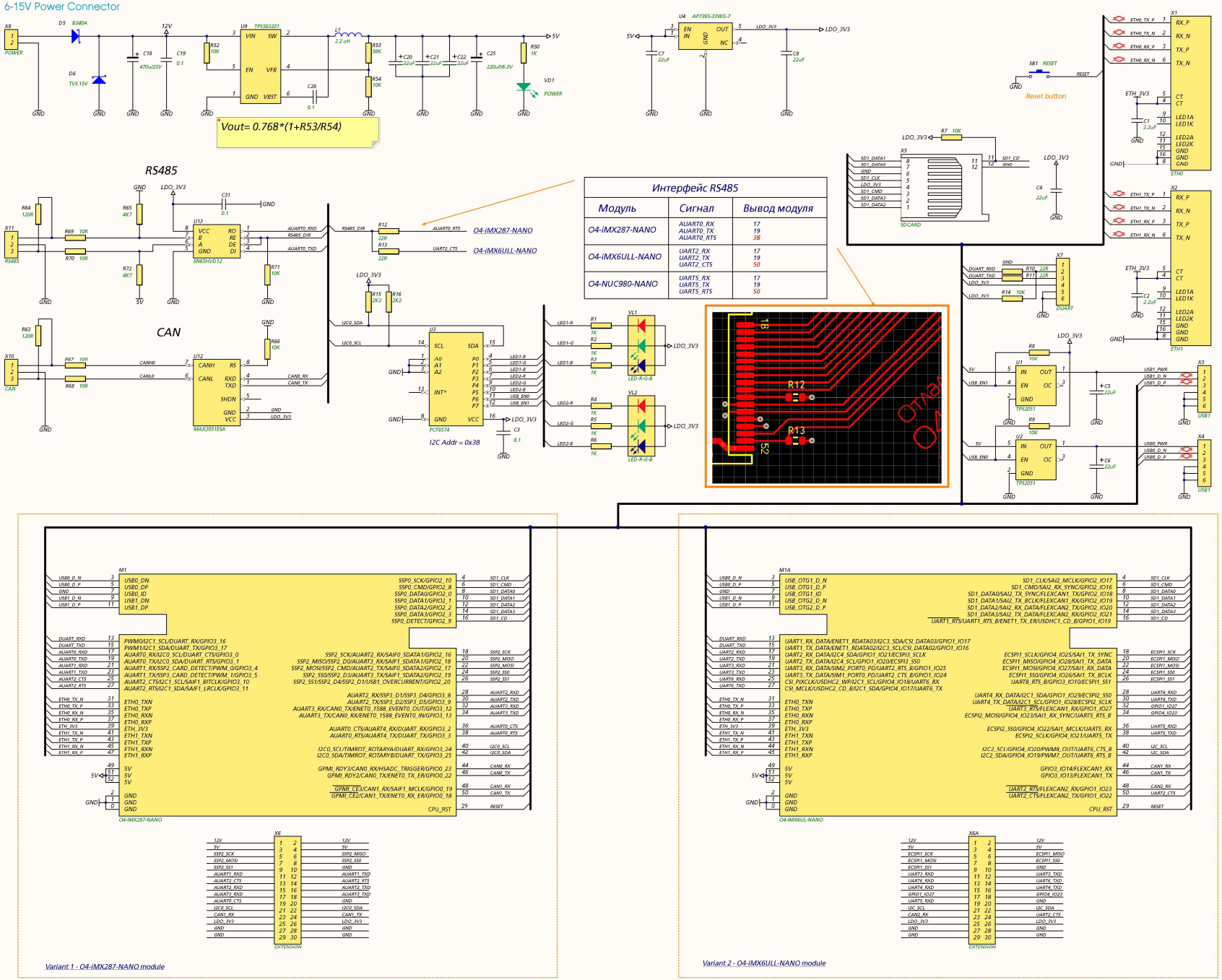
6-15V Power Connector
Vout= 0.768*(1+R53/R54)
RS485
CAN
Интерфейс RS485
Модуль | Сигнал | Вывод модуля
O4-iMX287-NANO | AUART0_RX | 17
AUART0_TX | 19
AUART0_RTS | 38
O4-iMX6ULL-NANO | UART2_RX | 17
UART2_TX | 19
UART2_CTS | 50
O4-NUC980-NANO | UART5_RX | 17
UART5_TX | 19
UART5_RTS | 50
I2C Addr = 0x38
Reset button
SDCARD
Variant 1 - O4-iMX287-NANO module
Variant 2 - O4-iMX6ULL-NANO module
Interfaces and gpios
O4-iMX287-NANO
Interfaces
I2C = I2C0
RS485 AUART0 (ttyAPP0)
GPIOs
LED1-RED gpio504
LED1-GREEN gpio505
LED1-BLUE gpio506
LED2-RED gpio507
LED2-GREEN gpio508
LED2-BLUE gpio509
USB_EN0 gpio510
USB_EN1 gpio511
O4-iMX6UL-NANO
Interfaces
I2C = I2C2
RS485 UART2 (ttymxc1)
GPIOs
LED1-RED gpio504
LED1-GREEN gpio505
LED1-BLUE gpio506
LED2-RED gpio507
LED2-GREEN gpio508
LED2-BLUE gpio509
USB_EN0 gpio510
USB_EN1 gpio511
O4-iMX-NANO
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