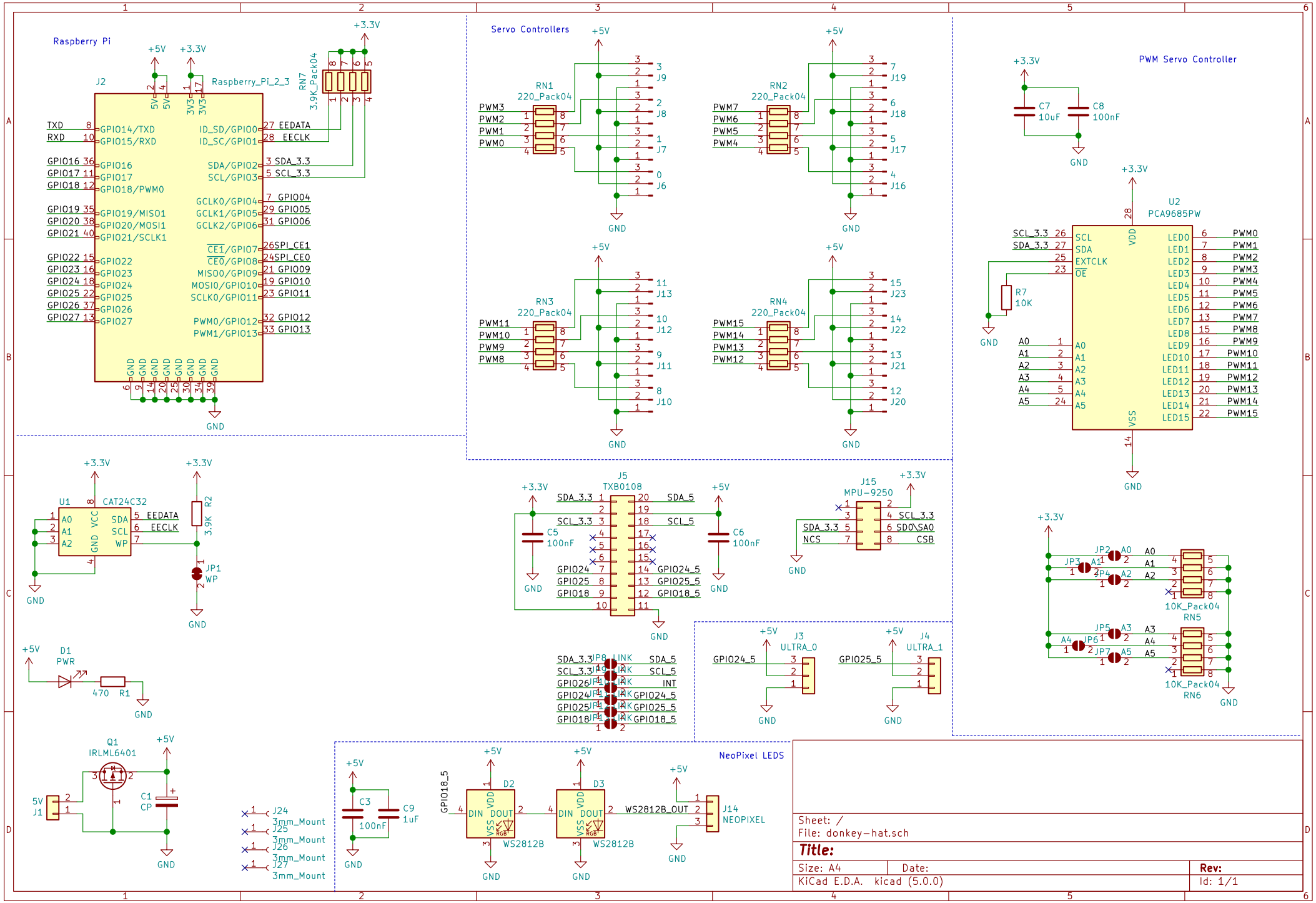
Raspberry Pi
J2
Raspberry_Pi_2_3
+5V
+3.3V
RN7
3.9K_Pack04
TXD
RXD
GPIO14/TXD
GPIO15/RXD
GPIO16
GPIO17
GPIO18/PWM0
GPIO19/MISO1
GPIO20/MOSI1
GPIO21/SCLK1
GPIO22
GPIO23
GPIO24
GPIO25
GPIO26
GPIO27
ID_SD/GPIO0
ID_SC/GPIO1
SDA/GPIO2
SCL/GPIO3
GCLK0/GPIO4
GCLK1/GPIO5
GCLK2/GPIO6
CE1/GPIO7
CE0/GPIO8
MISO0/GPIO9
MOSI0/GPIO10
SCLK0/GPIO11
PWM0/GPIO12
PWM1/GPIO13
EEDATA
EECLK
SDA_3.3
SCL_3.3
GPIO04
GPIO05
GPIO06
SPI_CE1
SPI_CE0
GPIO09
GPIO10
GPIO11
GPIO12
GPIO13
GND
Servo Controllers
RN1
220_Pack04
RN2
RN3
RN4
PWM3
PWM2
PWM1
PWM0
PWM7
PWM6
PWM5
PWM4
PWM11
PWM10
PWM9
PWM8
PWM15
PWM14
PWM13
PWM12
J9
J8
J7
J6
J19
J18
J17
J16
J13
J12
J11
J10
J23
J22
J21
J20
PWM Servo Controller
C7
10uF
C8
100nF
U2
PCA9685PW
SCL
SDA
EXTCLK
OE
VDD
VSS
LED0
LED1
LED2
LED3
LED4
LED5
LED6
LED7
LED8
LED9
LED10
LED11
LED12
LED13
LED14
LED15
A0
A1
A2
A3
A4
A5
R7
10K
U1
CAT24C32
VCC
WP
R2
3.9K
JP1
WP
J5
TXB0108
C5
100nF
C6
100nF
GPIO24
GPIO25
GPIO18
GPIO24_5
GPIO25_5
GPIO18_5
J15
MPU-9250
SCL_3.3
SDA_3.3
SD0\SA0
NCS
CSB
JP2
JP3
JP4
JP5
JP6
JP7
10K_Pack04
RN5
RN6
D1
PWR
470
R1
Q1
IRLML6401
5V
J1
C1
CP
J24
J25
J26
J27
3mm_Mount
C3
100nF
C9
1uF
GPIO18_5
D2
D3
DIN
DOUT
WS2812B
WS2812B_OUT
J14
NEOPIXEL
NeoPixel LEDS
J3
ULTRA_0
J4
ULTRA_1
GPIO24_5
GPIO25_5
SDA_3.3
SCL_3.3
GPIO26
GPIO24
GPIO25
GPIO18
JP8
LINK
INT
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