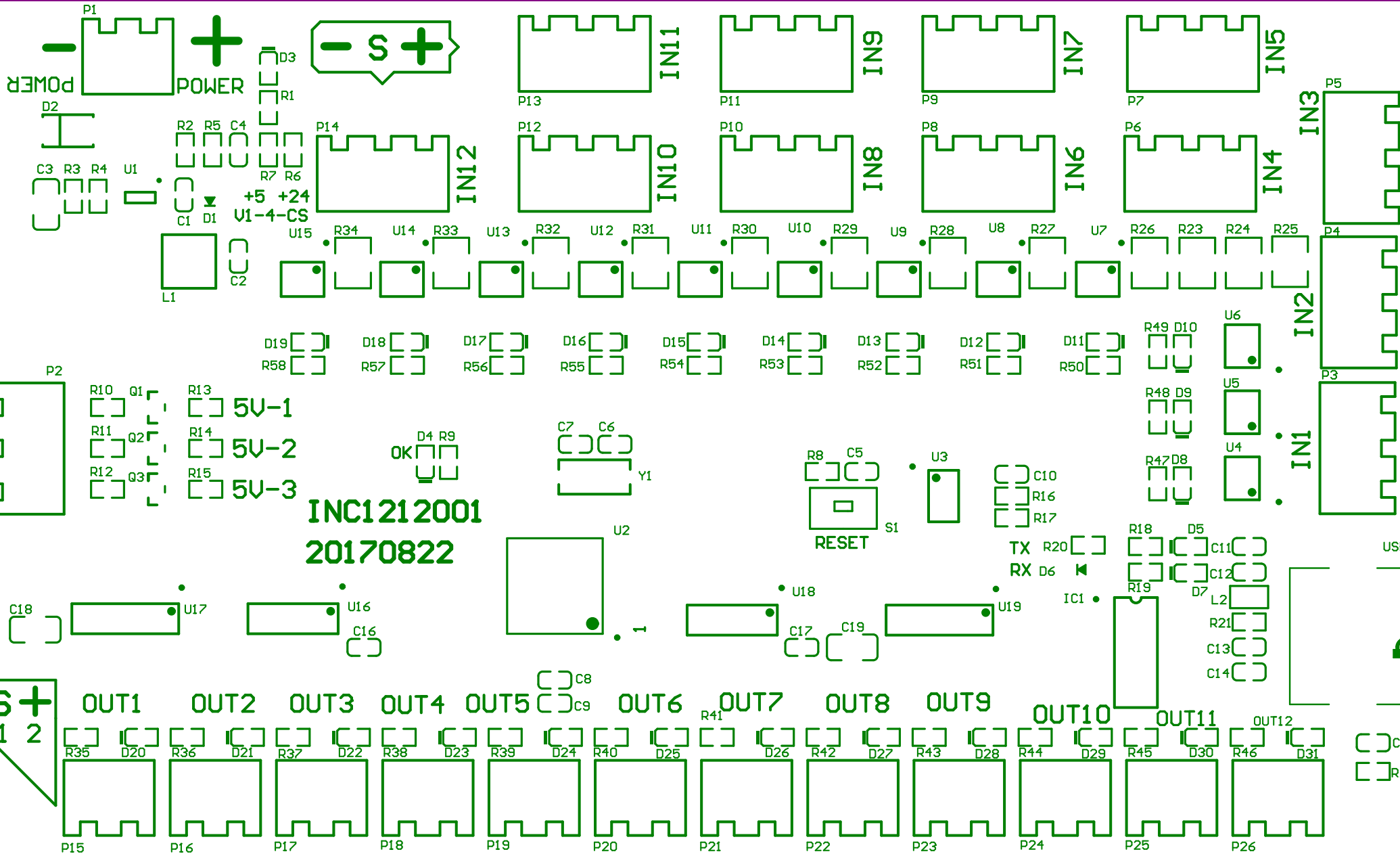


Title		
Size	Number	Revision
A2		
Date:	2017/8/23	Sheet of
File:	E:\McBoard_1\NC1212001_SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF (104) 10% 50V	贴片电容, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor	C1, C9, C10, C12, C13, C14, C15, C16, C17	0603_C	0603 10nF (103) 10% 50V, Cap, Cap, Cap, Cap, Cap, Cap	9
10uF (106) ±20% 6.3V	Capacitor, 贴片电容, Capacitor, Capacitor	C2, C5, C8, C11	0603_C	Cap, 0603 10uF (106) 10% 10V, Cap, Cap	4
10uF (106) ±10% 25V	Capacitor	C3, C18, C19	1206_C	Cap	3
53pF (330) ±5% 50V	贴片电容	C4	0603_C	0603 10nF (103) 10% 50V	1
22pF ±5% 50V	Capacitor	C6, C7	0603_C	CAP	2
1N5819	Schottky Diode	D1, D6	SOD-123	D Schottky	2
SS34	Schottky Diode	D2	SMA(DO-214AC)_S1	D Schottky	1
红灯 0603	发光二极管	D3, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31	0603_LED_S1	0603 红灯	26
蓝灯 0603	发光二极管	D4, D5	0603_LED_S1	0603 蓝灯	2
FT232RL		IC1	SSOP-28_208mil	FT232RL	1
3.3uH ±20%	Inductor	L1	L5020	Inductor	1
600Ω ±20% @100MHz	Resistor	L2	0805_L	Res2	1
Header 2	Header, 2-Pin	P1, P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25, P26	GX-2P-3.81MM	Header 2	13
Header 3	Header, 3-Pin	P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, P14	GX-3P-3.81MM	Header 3	13
SS8550 Y2	三极管	Q1, Q2, Q3	SOT-23(SOT-23-3)	SOT-23 SS8550 Y2	3
1.5KΩ (1501) ±1%	贴片电阻, Resistor, 贴片电阻, 贴片电阻, Resistor, Resistor, 贴片电阻, 贴片电阻, 贴片电阻, 贴片电阻, 贴片电阻, 贴片电阻, 贴片电阻, 贴片电阻	R1, R9, R10, R11, R12, R18, R19, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58	0603_R	0603 1KΩ (1001) 1%, Res2, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, Res2, Res2, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%, 0603 18KΩ (1802) 1%	19
23.7K ±1%	贴片电阻	R2	0603_R	0603 18KΩ (1802) 1%	1
47KΩ (4702) ±1%	贴片电阻, Resistor	R3, R22	0603_R	0603 100KΩ (1003) 1%, Res2	2
10KΩ (1002) ±1%	贴片电阻, 贴片电阻, Resistor, 贴片电阻, 贴片电阻, 贴片电阻, 贴片电阻, 贴片电阻, 贴片电阻, 贴片电阻, 贴片电阻	R4, R8, R21, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46	0603_R	0603 100KΩ (1003) 1%, 0603 1KΩ (1001) 1%, Res2, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%, 0603 1KΩ (1001) 1%	15
124K ±1%	贴片电阻	R5	0603_R	0603 18KΩ (1802) 1%	1
0Ω (0R0) ±1%	贴片电阻	R6, R7	0603_R	0603 18KΩ (1802) 1%	2
4.7KΩ (4701) ±1%	贴片电阻	R13, R14, R15, R16, R17	0603_R	0603 1KΩ (1001) 1%	5
330Ω (3300) ±1%	Resistor	R20	0603_R	Res2	1
4.7KΩ (4701) ±1%	贴片电阻	R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34	1210_R	0603 18KΩ (1802) 1%	12
SW-PB	Switch	S1	SW-3*6*2.5	SW-PB	1
MP2451DT-LF-Z	DC-DC 芯片	U1	SOT-23-6	MP2451DT-LF-Z	1
STC12C5A60S2-35I	MCU	U2	LOFP-44_10x10x08P	STC12C5A60S2-35I	1
EEPROM/AT24C128	EEPROM	U3	SOIC-8_150mil	EEPROM/AT24C256C-SSH1-T	1
EL357N(B)(TA)-G	贴片光耦	U4, U5, U6, U7, U8, U9, U10, U11, U12, U13, U14, U15	SOP-4_P2.54	EL357N(B)(TA)-G	12
74HC04		U16, U18	SOIC-14_150mil	74HC04	2
ULN2003AFWG	大电流驱动	U17, U19	SOIC-16_150mil	ULN2003AFWG	2
USB-B		USB1	USB-b	USB-6	1
11.0592MHZ 20PF 2	贴片晶振	Y1	SMD-5032_2P	SMD-5032_2P 11.0592MHZ	1