

A

A

B

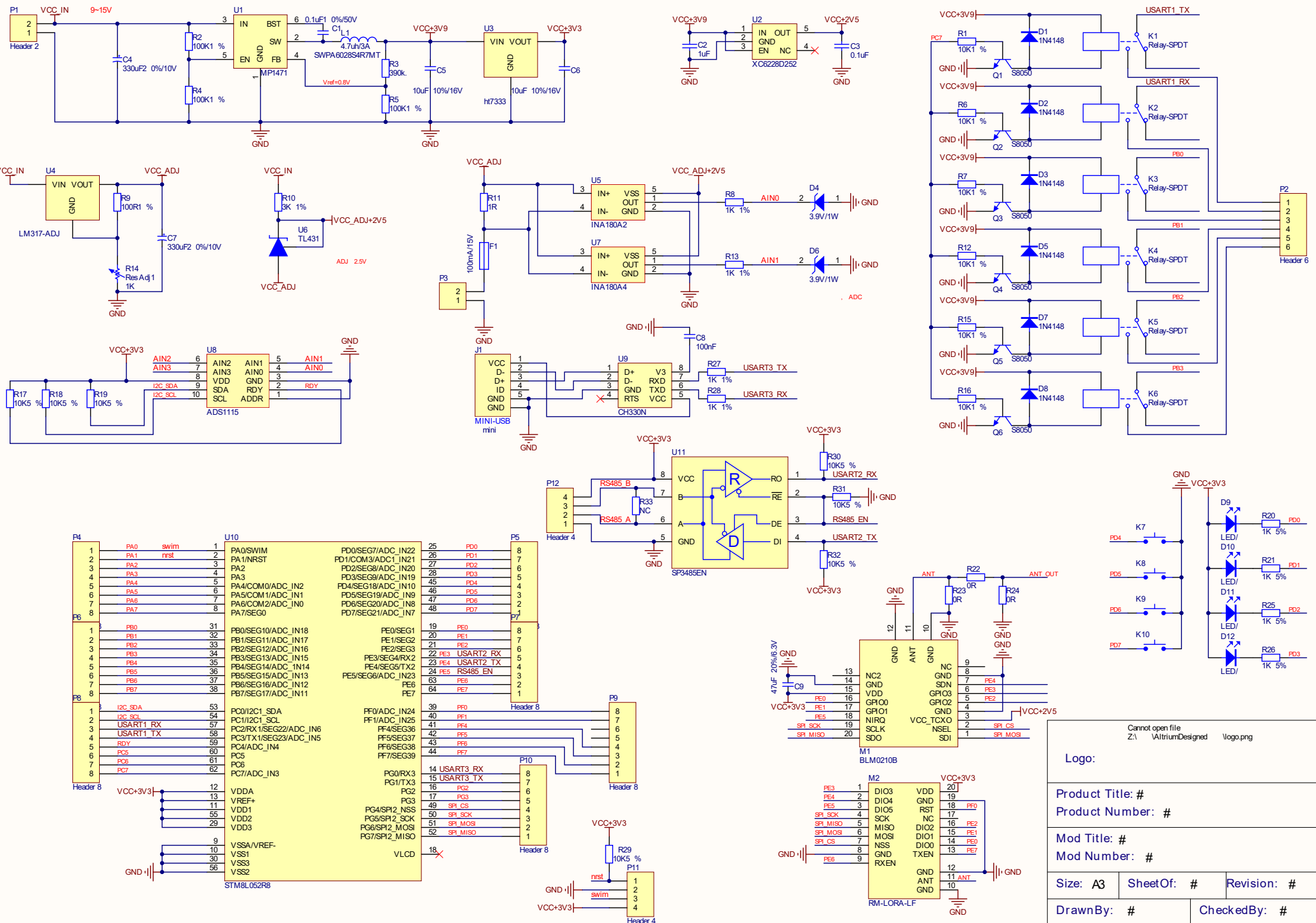
B

C

C

D

D



Cannot open file  
Z:\VAltriumDesigned\Logo.png

Logo:

Product Title: #

Product Number: #

Mod Title: #

Mod Number: #

Size: A3

SheetOf: #

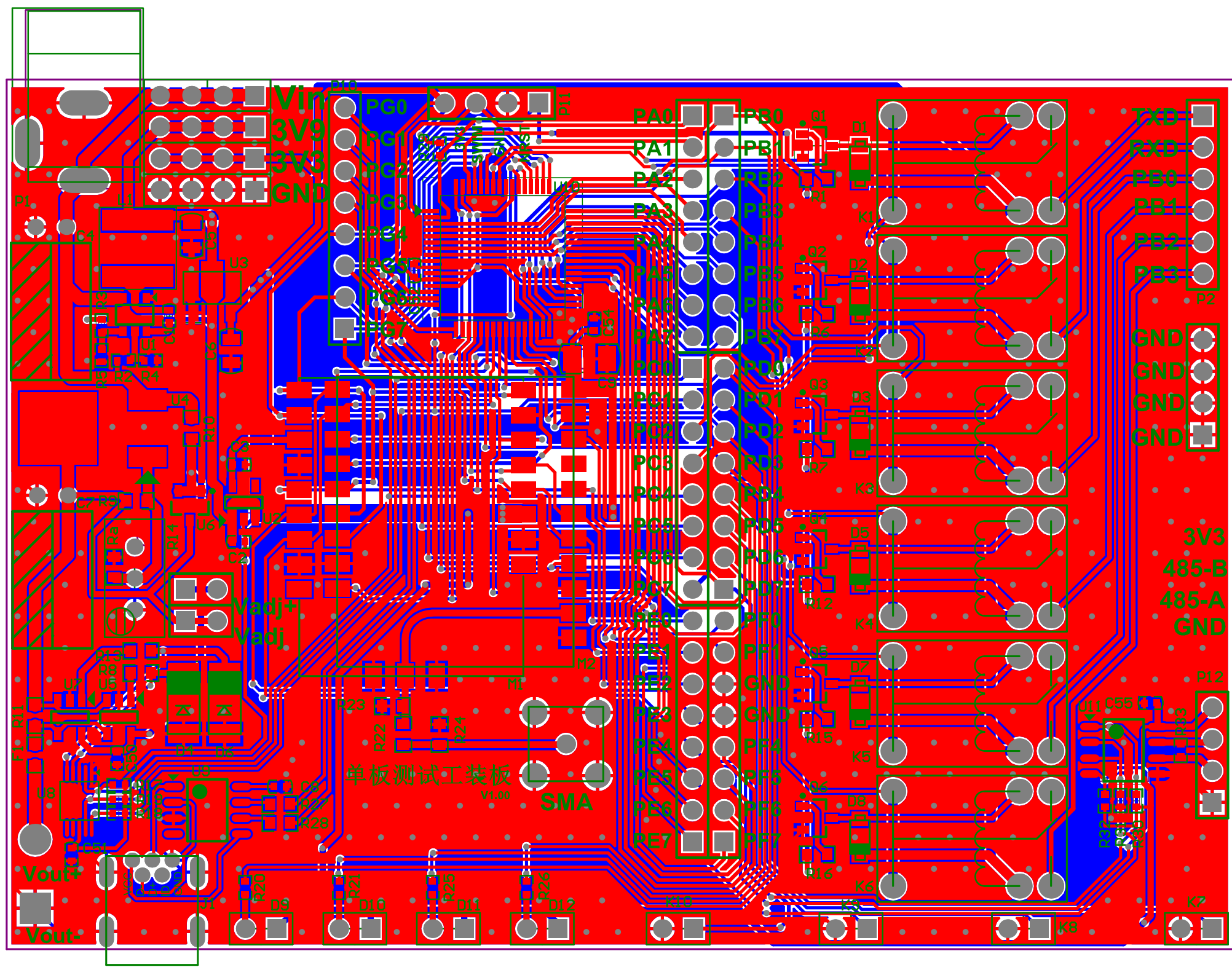
Revision: #

DrawnBy: #

CheckedBy: #

Date: #

Date: #



# Bill of Materials

#

Source Data From: .PrjPcb  
Project: .PrjPcb  
Variant: None

Creation Date: 2019/12/30 10:53:25  
Print Date: 43829 43829.45447

Footprint	Comment	LibRef	Designator	Description	Quantity
c0402	0.1uF 10%/50V	1.2.04.05.0169	C1	-0.1uF- 10%-16V-XSR-0402	1
C0402	1uF	Cap	C2	Capacitor,Ceramic,.0603-16V-XSR-104-K-YAGEO	1
C0402	0.1uF	Cap	C3	Capacitor,Ceramic,.0603-16V-XSR-104-K-YAGEO	1
CAP_2P_2R5_D6R3H11_W	330uF 20%/10V	1.2.04.03.0001	C4, C7	_330uF 20%/10V_0.2R_-40~105_4000Hours_D6R3H11	2
c0805	10uF 10%/16V	1.2.04.05.0201	C5, C6	-10uF- 10%-16V-XSR-0805	2
c0402	100nF	1.2.04.05.0001	C8	MLCC,47uF	1
C1206	47uF 20%/6.3V	1.2.04.05.0001	C9	20%_6.3V_XSR_H1.6mm_1206 MLCC,47uF	1
SOD123_2P_1N4148	1N4148	1.2.08.01.0002	D1, D2, D3, D5, D7, D8	20%_6.3V_XSR_H1.6mm_1206	6
1R6X2R7					
LL41_2P_D2	3.9V/1W	1.2.08.04.0001	D4, D6	_1N4148_0.3A/100V_Vf=0.5V_SOD123_ZM4730A_3.9V/1W_LL41	2
R5H5R0					
PZ_1X2P_2R54_Z	LED/	1.2.08.02.0002	D9, D10, D11, D12	_ Vf=2.3V_0603	4
FUSE0603	100mA/15V	1.2.13.03.0001	F1		1
DIP_MINI_US	mini	USB	J1	_0.05A/15V_100A_0.5W_0.5A/1.5s_0603	1
B-1		mini			
SRS-XXVDC-SL	Relay-SPDT	Relay-SPDT	K1, K2, K3, K4, K5, K6	Single-Pole Dual-Throw Relay	6
PZ_1X2P_2R54_Z		1.2.15.01.0001	K7, K8, K9, K10		4
SMD_INC_2P_6R0X6R0	SWPA6028S4R	Inductor	L1	_12Vdc/50mA_0.25mm_250gf_3.6X6.1X2.5mm_ SMD	1
FskMode_BLM	7MT			Inductor	
LORA_PIN_1	BLM0210B	1.1.01.38.0002	M1	SI4463 LNA	1
	RM-LORA-LF	1.1.01.38.0003	M2	LORA RM-LORA-PCB11-V2.21_430M~490M_Pout=17dBm_SMD20	1
HDR1X2	Header 2	Header 2	P1	Header, 2-Pin	1
HDR1X6	Header 6	Header 6	P2	Header, 6-Pin	1
HDR1X2	Header 2	Header 2	P3	Header, 2-Pin	1
HDR1X8	Header 8	Header 8	P4, P5, P6, P7, P8, P9, P10	Header, 8-Pin	7
HDR1X4	Header 4	Header 4	P11, P12	Header, 4-Pin	2
SOT23_3P_0R95_1R3X2R9	S8050	1.2.08.08.0002	Q1, Q2, Q3, Q4, Q5, Q6	_NPN_S8050_Vceo=25V_Ic=0.5A_ß=50_SOT23	6
R0603	10K 1%	1.2.03.01.0009	R1, R6, R7, R12, R15, R16	_10K 1%_1/10W_0603	6
R0402	100K 1%	1.2.03.01.X00X1	R2, R4, R5	1K 5% 1/16W 50V 0402	3
R0402	390k.	1.2.03.01.0019	R3	_510R 1%_1/16W_0402	1
R0603	1K 1%	1.2.03.01.0006	R8, R13, R27, R28	_1K 1%_1/10W_0603	4
R0603	100R 1%	1.2.03.01.0017	R9	_100R 1%_1/10W_0603	1
R0603	3K 1%	1.2.03.01.0027	R10	_3K 1%_1/10W_0603	1
R0603	1R	1.2.03.01.0027	R11	_3K 1%_1/10W_0603	1
AXIAL-0.7	Res Adj1	Res Adj1	R14	Variable Resistor	1
R0402	10K 5%	1.2.03.01.0012	R17, R18, R19, R29, R30, R31, R32	_10K 5%_1/16W_0402	7
R0402	1K 5%	1.2.03.01.0014	R20, R21, R25, R26	_1K 5%_1/16W_0402	4
R0603	0R	1.2.03.01.0009	R22, R23, R24	_10K 1%_1/10W_0603	3
R0402	NC	1.2.03.01.0012	R33	_10K 5%_1/16W_0402	1
TSOT23_6P_0R95_1R6X2R9	MP1471	MP1471	U1		1
R9					
SOT23_5P_0R95_1R6X2R9	XC6228D252	1.2.18.07.0003	U2	XC6228D252_LDO _500mA/2.5V_Vmax=7V_SOT23-5	1
SOT89_3P_1R5_2R5X4R5	ht7333	1.2.18.07.0002	U3	HT7333_LDO _250mA/3.3V_Vmax=12V_SOT89	1
TO252_3P_2R3_6R2X6R7	LM317-ADJ	1.2.18.07.0002	U4	HT7333_LDO _250mA/3.3V_Vmax=12V_SOT89	1
SOT23_5P_0R95_1R6X2R9	INA180A2	INA180A	U5		1
SOT23_3P_0R95_1R3X2R9	TL431	TL431A	U6		1
SOT23_5P_0R95_1R6X2R9	INA180A4	INA180A	U7		1
MSOP_10P_3R0X5R0_P	ADS1115	ADS1115	U8		1
SOP_8P_1R27_3R9X4R9	CH330N	CH330N	U9		1
LQFP_64P_0R5_10R0X10R0	STM8L052R8	1.2.18.01.0001	U10	MCU_STM8L052R8_Vin=1.8~3.6V_16MHz_Flash/64Kb_RAM/4Kb_8_E2PROM/256B_LCD8X24_40~85_LOQFP6	1
SOP_8P_1R27_3R9X4R9	SP3485EN	1.2.18.09.0173	U11	RS485 -SP3485EN- 485 - SOP8	1

Approved	Notes