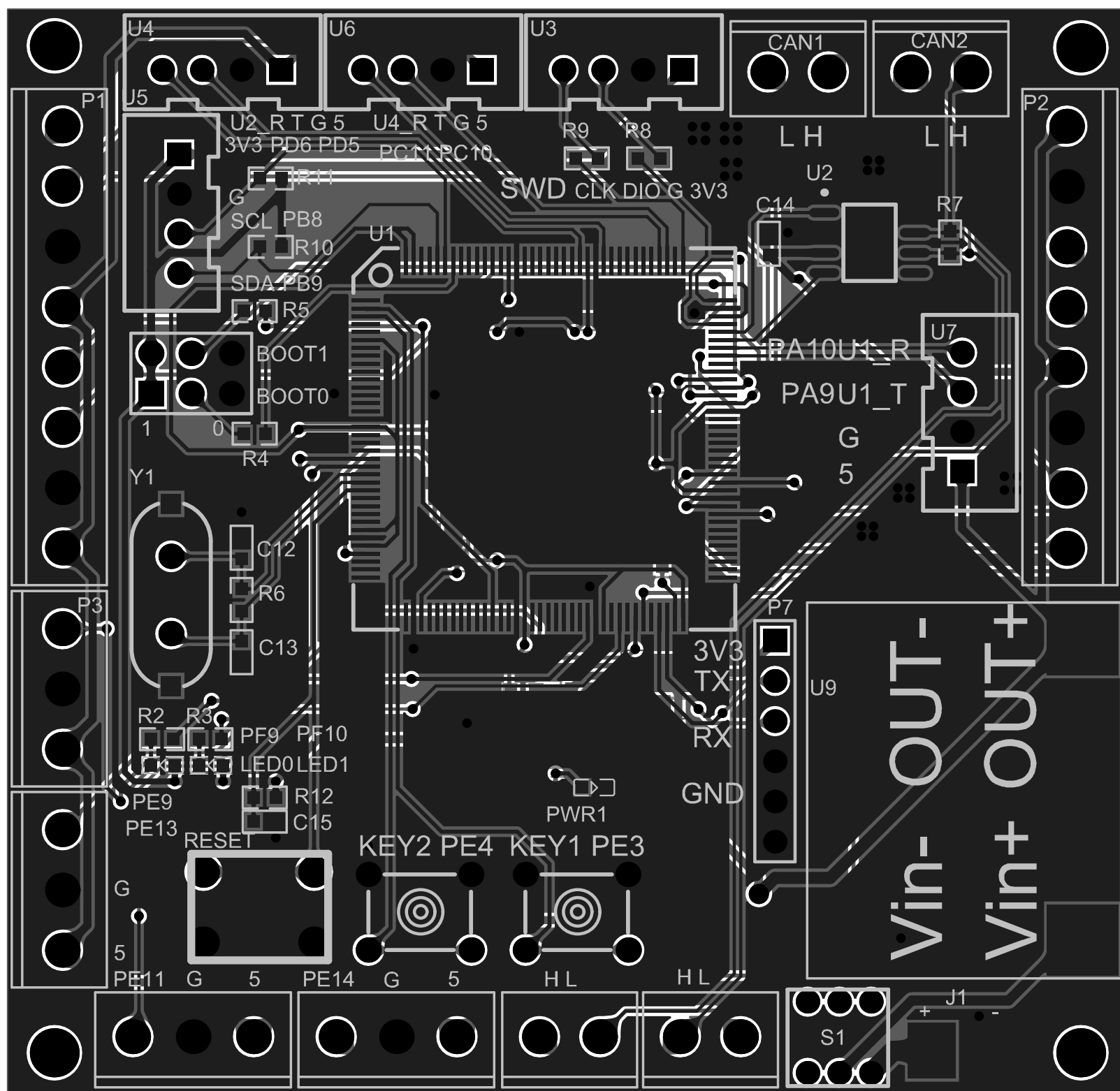


Title	
Size A1	Revision
Date: 2019/5/25	Sheet of
Title: E-20190608.docx - signed and sealed Doc	Drawn By: Dennis Rye



Comment	Description	Designator	Footprint	LibRef	Quantity
BOOT	Header, 3-Pin, Dual row	BOOT1	HDR2X3	Header 3X2	1
2.2uF 225M		C1, C3	0603C	C	2
104		C2, C4, C6, C7, C8, C9, C10, C11, C14, C17, C18	0603C	C_1, C	11
10uF		C5	0603C	C	1
22pF		C12, C13	0603C	C	2
104pF		C15	C0603	C	1
220uF		C16	C3528	CAP	1
CAN		CAN1, CAN2, CAN3, CAN4	KF3.81直针-2P	HEAD2	4
RB161MM-20TR		D1	LC-SOD-123F	肖特基	1
LED0	Typical RED, GREEN, YELLOW, AMBER GaAs LED	DS1	0603_LED	LED2	1
LED1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	DS2, PWR1	0603_LED	LED2	2
XT30		J1	POWER_PAD	XT30	1
KEY0		KEY1, KEY2	KEY_M	KEY_M	2
220R,2.0A,0.05DCR		L1	0603_L	L	1
光电开关接口		P1, P2	KF3.81直针-8P	KF3.81-8P	2
IO		P3, P4, P5, P6	KF3.81直针-3P	IO	4
Header 6	Header, 6-Pin	P7	HDR1X6	Header 6	1
10R		R1	0603R	R	1
470R		R2, R3, R13	0603R	R	3
10K		R4, R5, R12	R0603	R	3
1M		R6	0603R	R	1
120R		R7	0603R	R	1
100R		R8, R9	0603R	R	2
4.7K	R-0805	R10, R11	0603R	R-0805	2
KEY_M		RESET1	KEY_4	KEY_M	1
自锁开关		S1	自锁开关5.8*5.8	Switch_5.8	1
STM32F407ZGT6	ARM Cortex-M4 32b MCU+FPU, 210DMIP, 1024 kB Flash, 192+4 kB RAM, Camera, 114 I/Os, 144-pin LQFP, -40 to +85癡, Tray	U1	IQFP144	STM32F407ZGT6	1
TJA1050		U2	SOP8	SN65HVD230D	1
HEADER		U3	XH2.54-4	XH2.54插座-4P	1
串口通信		U4, U6, U7	XH2.54-4	XH2.54插座-4P	3
IIC		U5	XH2.54-4	XH2.54插座-4P	1
AMS1117-3.3		U8	SOT223	AMS1117	1
降压模块		U9	MP1584N DC-DC	MP1584N 降压模块	1
8MHz	Crystal Oscillator	Y1	XTAL_US	XTAL	1