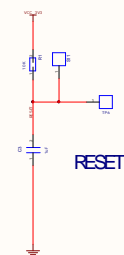


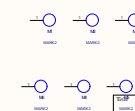
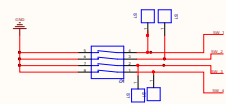
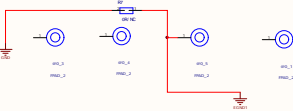
R9/ NC R14/ NC R6 R8 0R I2C1

I2C

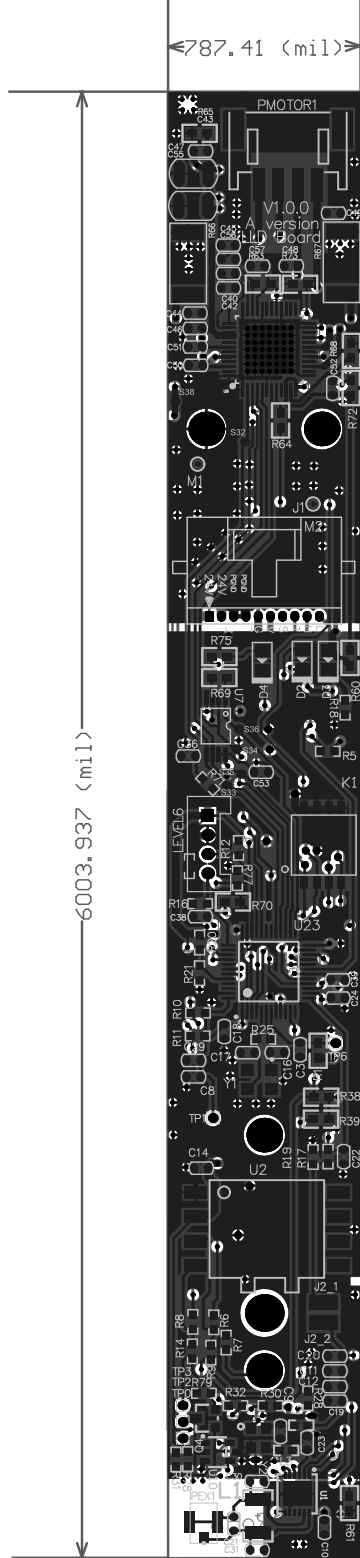


RESET

FLASH



Rev	Number	Revision
A1	1	1
Rev	Rev	Rev
Rev	Rev	Rev



Comment	Description	Designator	Footprint	LibRef	Quantity
FPAD_2		@0_1, @0_3, @0_4,	FPAD_2	FPAD_2	4
C0603		C1, C3, C4, C5, C6, C	C0603	C0603	41
CAP0603	SURFACE MOUNT CAP	C7	0603	CAP0603	1
C0603		C13	AK-0603-R	C0603	1
C0603 22nf	22NF ±10% 10V X7R	C40, C46, C47, C55	AK-0603-R	C0603	4
CAP 100PF 50V C040	CAP X7R 100PF 50V J	C48, C49, C50, C51	C0402	CAP 100PF 50V C040	4
LED	LIGHT EMITTING DIO	D2, D3, D4	LED0805	LED	3
JRF		IPEX1	RF4G	JRF	1
BGI-CON10		J1	BGI-1.27-10-FFC	BGI-CON10	1
CON-BM02B-SRSS-TB		J2	BM02B-SRSS-TB	CON-BM02B-SRSS-TB	1
FNVE-04T		K?	FNVE-04T	FNVE-04T	1
IND-MOLDED	MOLDED INDUCTOR,	L1	322522	IND-MOLDED	1
IND-FB-120R	IND FB 120R@100M	L2, L3, L4	L0805	IND-FB-120R	3
AK-CON4	Connector THT	LEVEL6	BGI-2.0-4	AK-CON4	1
MARK2		M1, M2, M3, M4, M5,	MARK2	MARK2	6
S4B		PMOTOR	CON_S4B-PH-K-S	S4B	1
MMBT8050	SS8050, MMBT8050	Q2, Q3, Q4	SOT23	MMBT8050	3
R0603		R1, R3, R5, R6, R7, R	R0603	R0603	40
AK-RES	Resister	R2, R4, R28, R30, R3	AK-0603-R	AK-RES	6
RES 4.7K F R0603	RES 4.7K F R0603	R76, R78	R0603	RES 10K F R0603	2
RES 200R F R0603	RES 200R F R0603	R77, R79	R0603	RES 10K F R0603	2
TP		S1, S2, S3, S4, S5, S6	TP-1D5M-RAD	TP	38
FDC2212		U1	WSON-12	FDC2212	1
E1NJ		U2	PAD-10	E1NJ	1
AMS1117		U5	SOT223	AMS1117	1
SN65HVD230DR		U6	SOIC-8(8S1)_SN65H	SN65HVD230DR	1
AT25040B-SSHL-T	IC EEPROM AT25040B	U7	SOIC8_225	AT25040B-SSHL-T	1
TMC5130		U8		TMC5130	1
MC74HC1G04DTT1G		U9, U10	SOT23-5	MC74HC1G04DTT1G	2
STM32F103XX		U23	LQFP-48N	STM32F103XX	1
XTAL2	CRYSTAL WITH GND	Y1	OSCCC250X320X75-4	XTAL2	1
KC2520B40.0000C10E00		Y2	KC2520B40.0000C10	KC2520B40.0000C10	1
AK-TLP521	TLP521	Z1, Z2	BGI-EE-SX1320	AK-TLP521	2