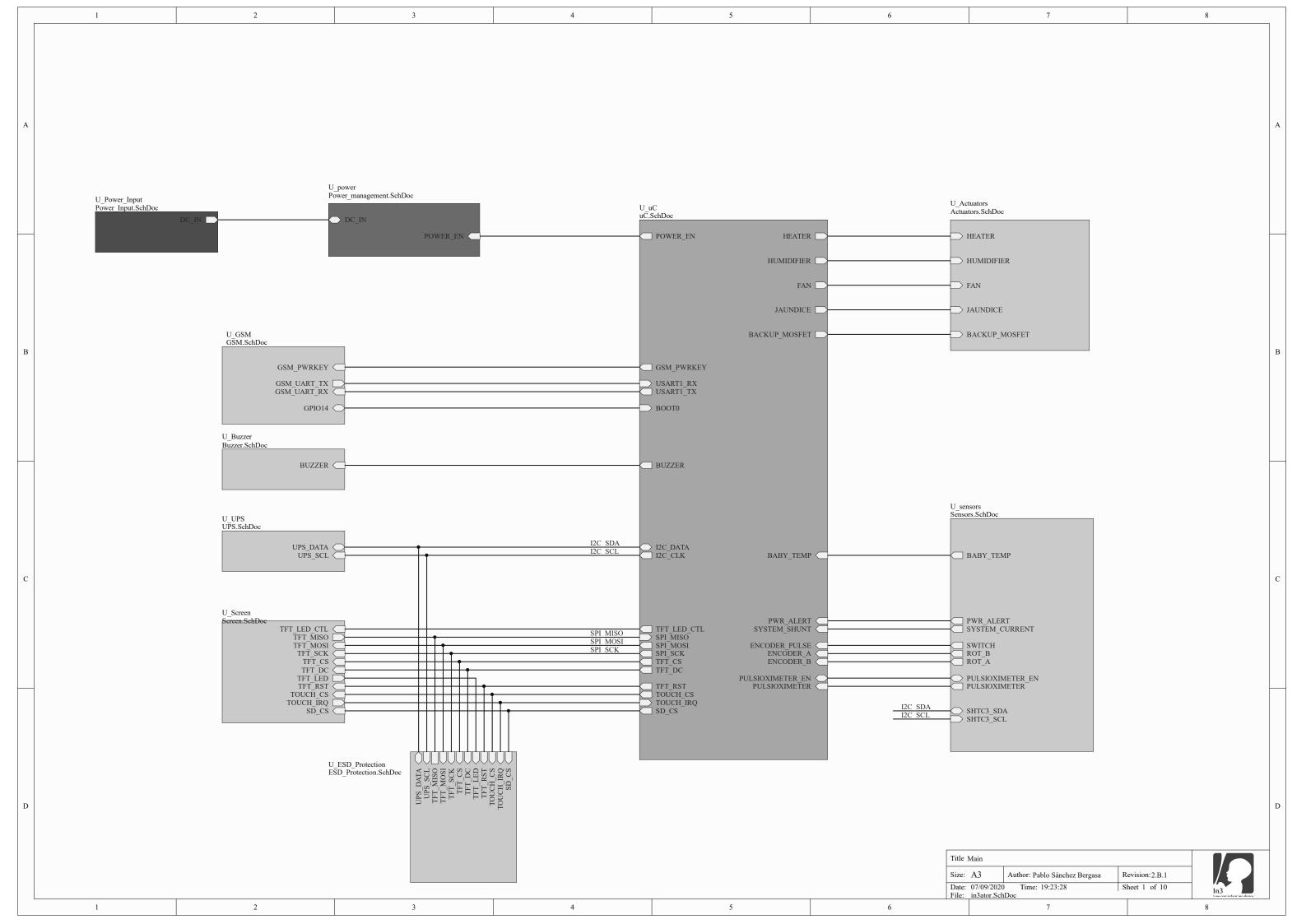
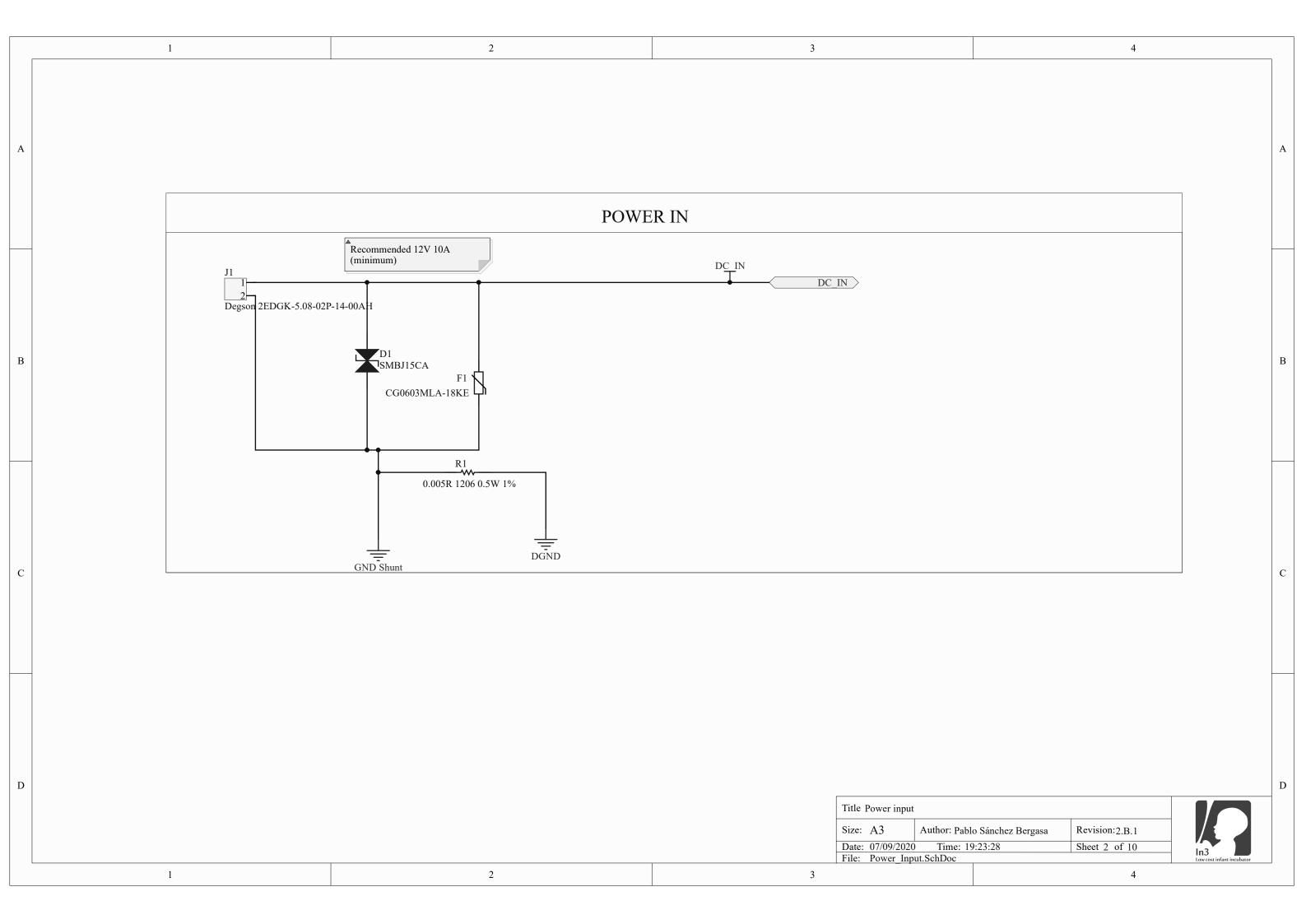
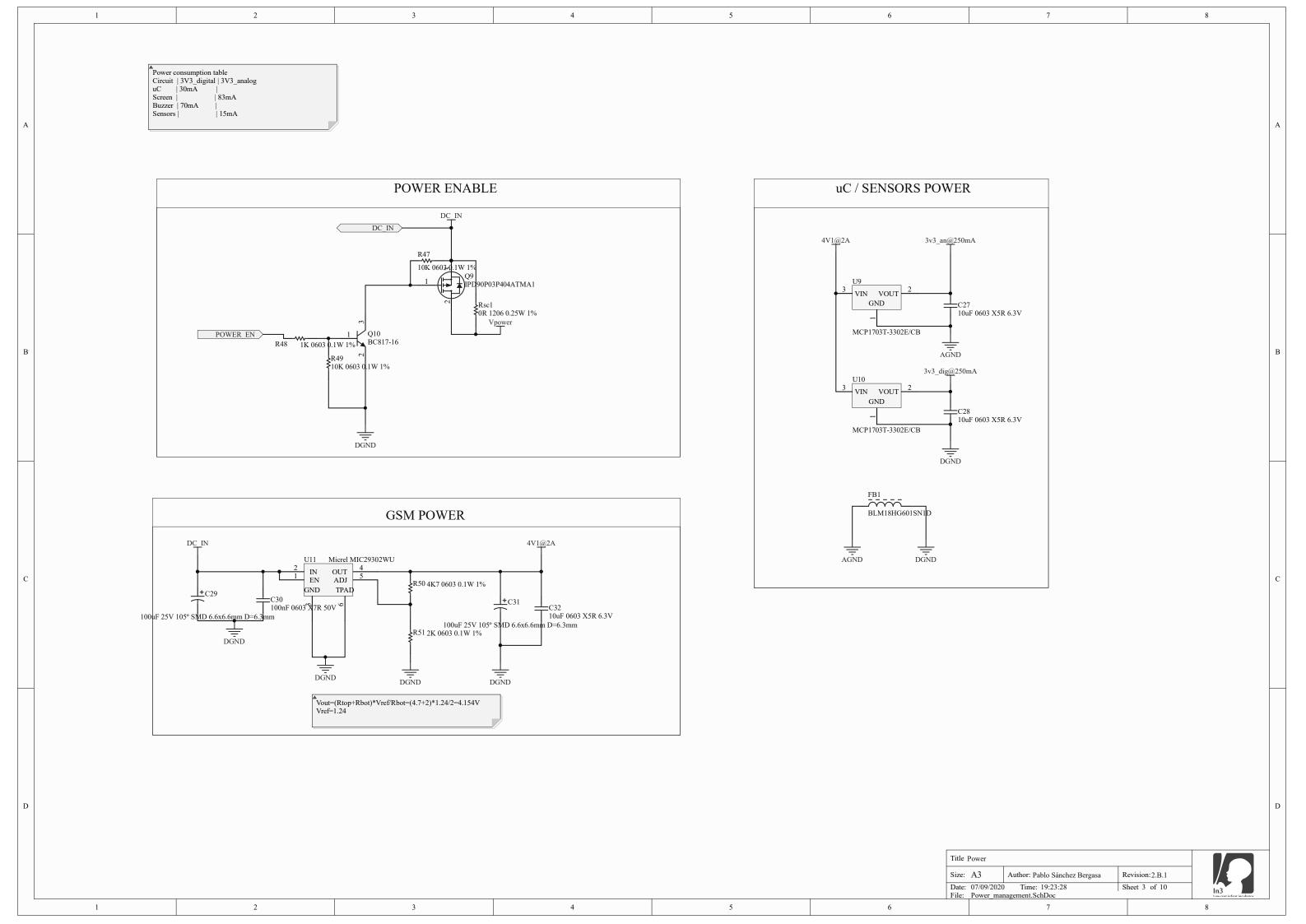
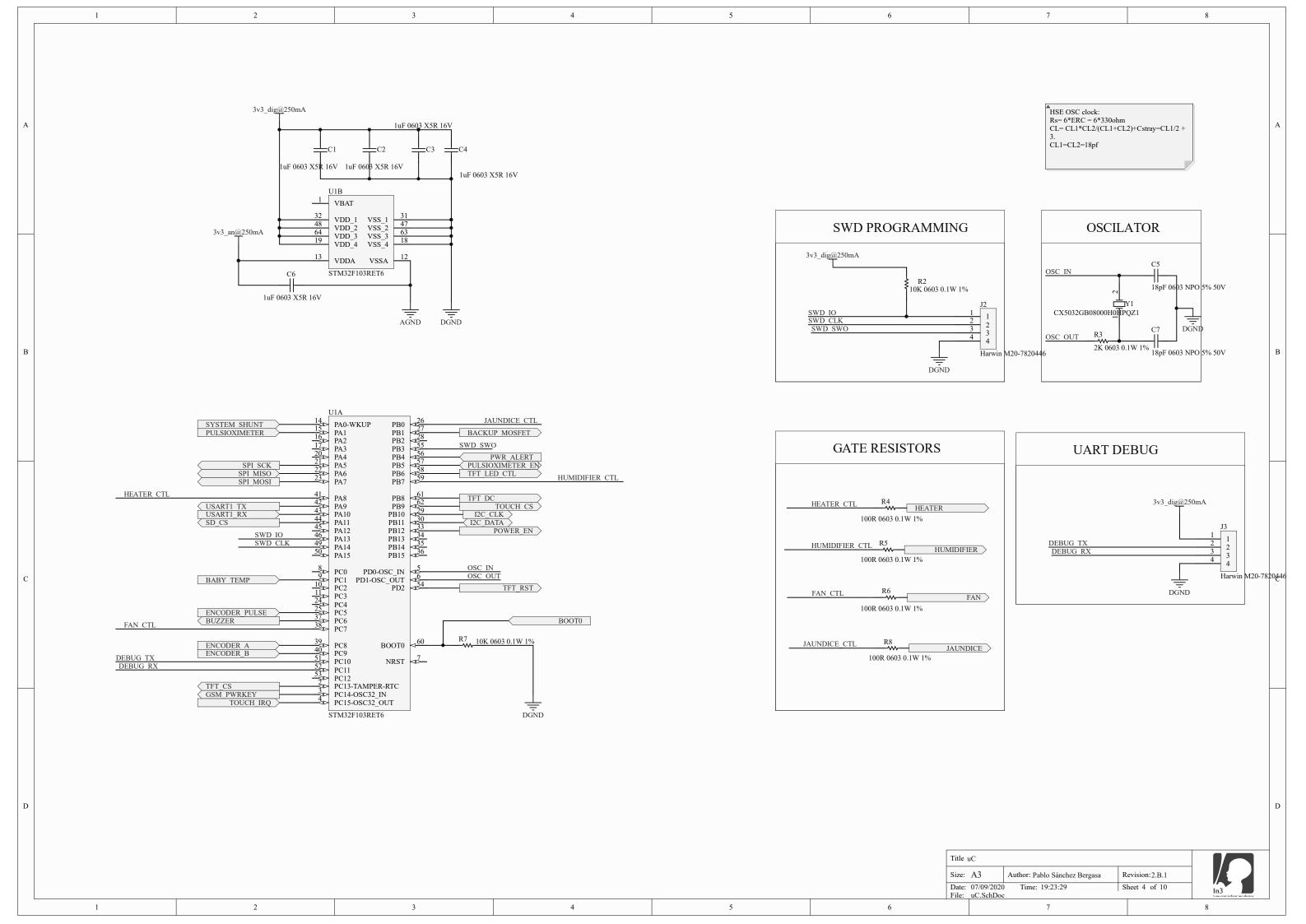
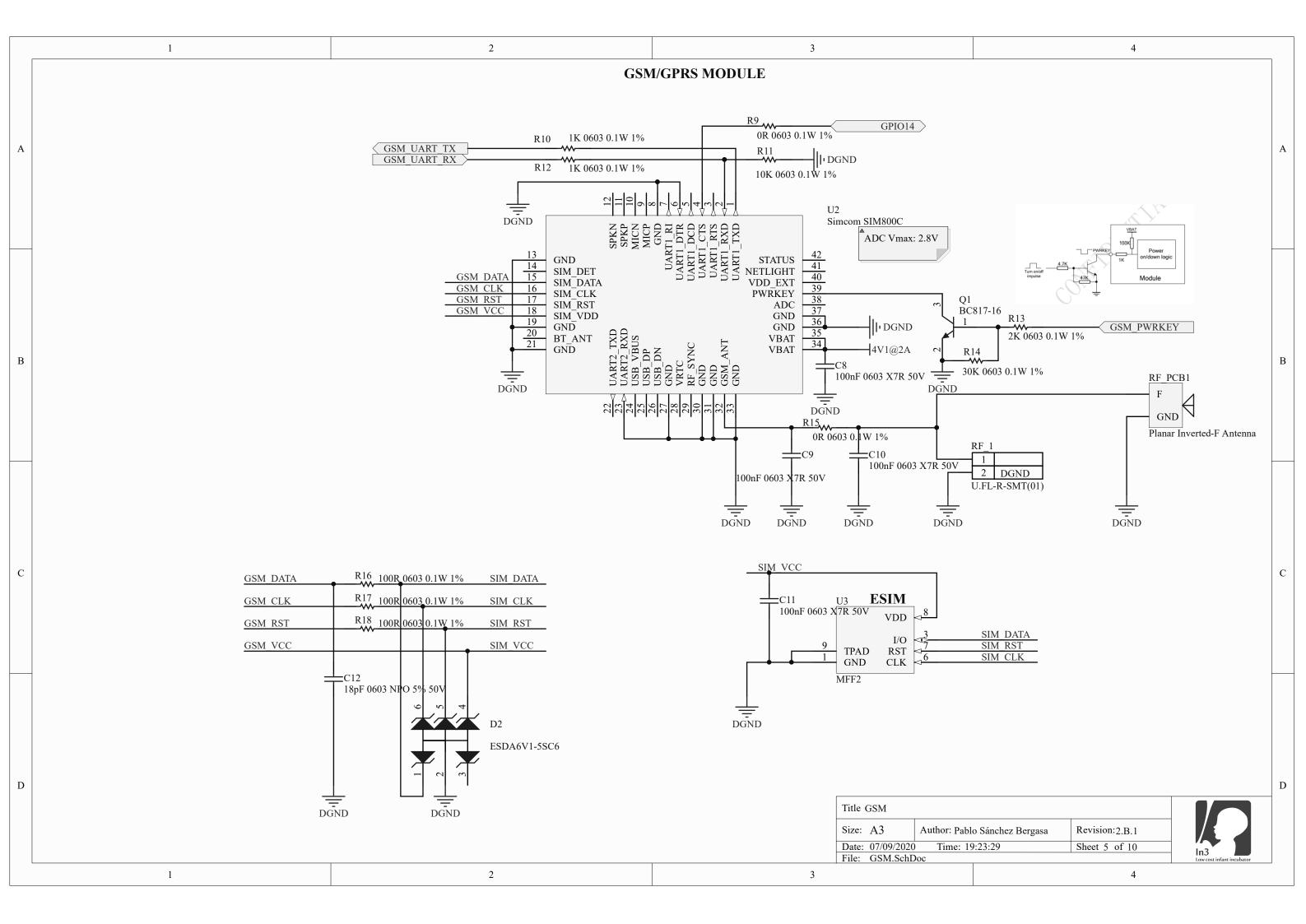
Comment	Quantity	Designator	Manufacturer Part Number	Number 2
CUI CMT-1285C-035	1	BUZ1	CMT-1285C-035	GMC1205YA- 16R2048
		C1, C2, C3,	GRM185R61C105K	101/2040
1uF 0603 X5R 16V	6	C4, C6, C17	E44D C0603C180K5RACT	
18pF 0603 NPO 5% 50V	3			
100nF 0603 X7R 50V		C8, C9, C10, C11,		
		C14, C15,		
		C16, C18, C19, C20,		
	13	C21, C26,		
100uF 25V 105° SMD 6.6x6.6mm		C13, C29,	VZL101M1ETR-	
D=6.3mm	3	C31 C22, C23,	0607	
4.7 uF 0603 X5R 10V	3		CL10A475KP8NNN C	
2.2 uF 0603 X5R 10V	1	C24	CL10A225KP8NNN C	EMK107BJ225MA-
2.2 UF 0003 A3K 10V		C24, C28,		EWK 107 BJZZ SIVIA-
10uF 0603 X5R 6.3V	3			
SMBJ15CA	1	D1 D2. D4. D5.		
ESDA6V1-5SC6	4	D6	ESDA6V1-5SC6	
LED	1	D3	AM2520ZGC09	
CG0603MLA-18KE	1	F1	CG0603MLA-18KE	
BLM18HG601SN1D	1	FB1	BLM18HG601SN1D	
			2EDGK-5.08-02P-	WJ2EDGVC-5.08-
Degson 2EDGK-5.08-02P-14-00AH	1	J1	14-00AH + 2EDGVC-5.08-02P	2P + WJ2EDGK- 5.08-2P
Harwin M20-7820446	2	J2, J3	M20-7820446	
			TBP01R2-508-08BE + TBP01P1-508-	WJ2EDGVC-5.08- 8P + KF2EDGK-
Amphenol TBP01R2-508-08BE	1	J4	+ TBP01P1-508- 08BE	5.08-8P
JST B2B-PH-K-S(LF)(SN)	1	J5	B2B-PH-K-S(LF)(SN)	
JST B2B-XH-A	1	J6	B2B-XH-A	
CUI SJ1-3523NG	1	J7	SJ1-3523NG	PJ-307C
Kycon STX-3790-5N	1		STX-3790-5N	
PJ-3059-X	1	J9	50000 0100	
Molex 53290-0480 Molex 52418-0410	1	J10 J11	53290-0480 52418-0410	
JST B3B-XH-A (LF)(SN)	1	J12	32410-0410	
Bourns SRN6045TA-221M	_	L1	SRN6045TA-221M	SWPA6045S221M
		Q1, Q7,		
BC817-16	3	Q10 Q2, Q4, Q5,		
Infineon IRLB8314PBF	4	Q6		
BUK98180-100A/CUX	1	Q3	BUK98180- 100A/CUX	
NTR1P02LT1G	1	Q8	NTR1P02LT1G	
IDD00D03D404ATh444			IPD90P03P404ATM	MCE30003
IPD90P03P404ATMA1	1	Q9	MSLP12065L000FE	WSF70P03 FMF06FTHR005-
0.005R 1206 0.5W 1%	1	R1	A	LHL
		R2, R7, R11, R19,		
		R20, R21, R23, R24,		
		R25, R26,		
		R37, R39, R40, R41.		
		R45, R47,	1	
10K 0603 0.1W 1%	17	R49 R3, R13,	-	
2K 0603 0.1W 1%	3	R51		
		R4, R5, R6, R8, R16,		
1000 0000 0 114 101	_	R17, R18,	CR0603-FX-	
100R 0603 0.1W 1%	9	R44, R46 R9, R15,	1001ELF	
OR 0603 0.1W 1%	4	R32, R33		
		R10, R12, R30, R31,	1	
1V 0602 0 1W 1%	8	R34, R35, R43, R48	CR0603-FX-	
1K 0603 0.1W 1%	8	R14, R27,	1001ELF	
	_	R28, R29, R36, R42	1	
30K 0603 0 1W 1%			CRCW12101R00FK	
30K 0603 0.1W 1%		laco.	EAHP	
30K 0603 0.1W 1% 10hms 1210 3/4watt 1%	1	R22		
		R38	RC0603FR-07330KL	
10hms 1210 3/4watt 1%	1		RC0603FR-07330KL	
10hms 1210 3/4watt 1% 3.3 Mohm 0603 0.1W 1% 4K7 0603 0.1W 1%	1	R38		
10hms 1210 3/4watt 1% 3.3 Mohm 0603 0.1W 1% 4K7 0603 0.1W 1% U.FL-R-SMT(01)	1 1	R38 R50	RC0603FR-07330KL PEC11R-4215F- S0024	
10hms 1210 3/4watt 1% 3.3 Mohm 0603 0.1W 1% 4K7 0603 0.1W 1% U.FL-R-SMT(01) Bourns PEC11R-4215F-50024	1 1	R38 R50 RF_1 SW1	PEC11R-4215F-	
10hms 1210 3/4watt 1% 3.3 Mohm 0603 0.1W 1% 4K7 0603 0.1W 1% U.FL-R-SMT(01) Bourns PEC11R-4215F-50024	1 1 1 1	R38 R50 RF_1 SW1	PEC11R-4215F-	
10hms 1210 3/4watt 1% 3.3 Mohm 0603 0.1W 1% 4K7 0603 0.1W 1% U.FL-R-SMT(01) Bourns PEC11R-4215F-50024 STM22F103RET6 Simcom SIMB00C	1 1 1 1	R38 R50 RF_1 SW1 U1	PEC11R-4215F- S0024	
10hms 1210 3/4watt 1% 3.3 Mohm 0603 0.1W 1% 4K7 0603 0.1W 1% U.FL-R-SMT(01) BOURDS PEC11R-4215F-50024 STM22F103RET6 Simcom SIMB00C MFF2 MCP6L02T-E/MS	1 1 1 1 1	R38 R50 RF_1 SW1 U1 U2 U3 U4, U5	PEC11R-4215F- S0024 SIM800C	
10hms 1210 3/4watt 1% 3.3 Mohm 6603 0.1W 1% 4K7 0603 0.1W 1% U.F.L-R.S.MT(01) Bourns PEC11R-4215F-50024 STM2E7103RE76 Simcom SIMB00C MFF2 MCP6L02T-E/MS Avago APDS-9008-020	1 1 1 1 1 1 1 1 2	R38 R50 RF_1 SW1 U1 U2 U3 U4, U5 U6	PEC11R-4215F- S0024	
10hms 1210 3/4watt 1% 3.3 Mohm 6603 0.1W 1% 4K7 0603 0.1W 1% U.FL-R-SMT(01) Bourns PEC11R-4215F-S0024 STM32F103RET6 Simcom SIMB00C MFF2 MCPB0LDT-E/MS Avago APDS-9008-020 Sensition SHTC3	1 1 1 1 1 1 1 1 2	R38 R50 RF_1 SW1 U1 U2 U3 U4, U5	PEC11R-4215F- S0024 SIM800C	
10hms 1210 3/4watt 1% 3.3 Mohm 0603 0.1W 1% 4K7 0603 0.1W 1% U.FL-R-SMT(01) BOURDS PEC11R-4215F-50024 STM22F103RET6 Simcom SIMB00C MFF2 MCP6L02T-E/MS Avago APDS-9008-020 Sensirion SHTC3 2.2 / 24 ftt compatible (touch / no	1 1 1 1 1 1 1 1 2	R38 R50 RF_1 SW1 U1 U2 U3 U4, U5 U6 U7	PEC11R-4215F- S0024 SIM800C APDS-9008-020	
10hms 1210 3/4watt 1% 3.3 Mohm 0603 0.1W 1% 4K7 0603 0.1W 1% U.FL-R-SMT(01) Bourns PEC11R-4215F-50024 STM32F103RET6 Simcom SIMB00C MFF2 MCP6L02T-E/MS Avago APDS-9008-020 Sensirion SHTC3 2.2.7.24 ftt compatible (touch / no touch)	1 1 1 1 1 1 1 1 2 2 1 1	R38 R50 RF_1 SW1 U1 U2 U3 U4, U5 U6 U7	PEC11R-4215F- 50024 SIM800C APDS-9008-020	
10hms 1210 3/4watt 1% 3.3 Mohm 0603 0.1W 1% 4K7 0603 0.1W 1% U.FL-R-SMT(01) BOURDS PEC11R-4215F-50024 STM22F103RET6 Simcom SIMB00C MFF2 MCP6L02T-E/MS Avago APDS-9008-020 Sensirion SHTC3 2.2 / 24 ftt compatible (touch / no	1 1 1 1 1 1 1 1 2 2 1 1 1	R38 R50 RF_1 SW1 U1 U2 U3 U4, U5 U6 U7	PEC11R-4215F- S0024 SIM800C APDS-9008-020	

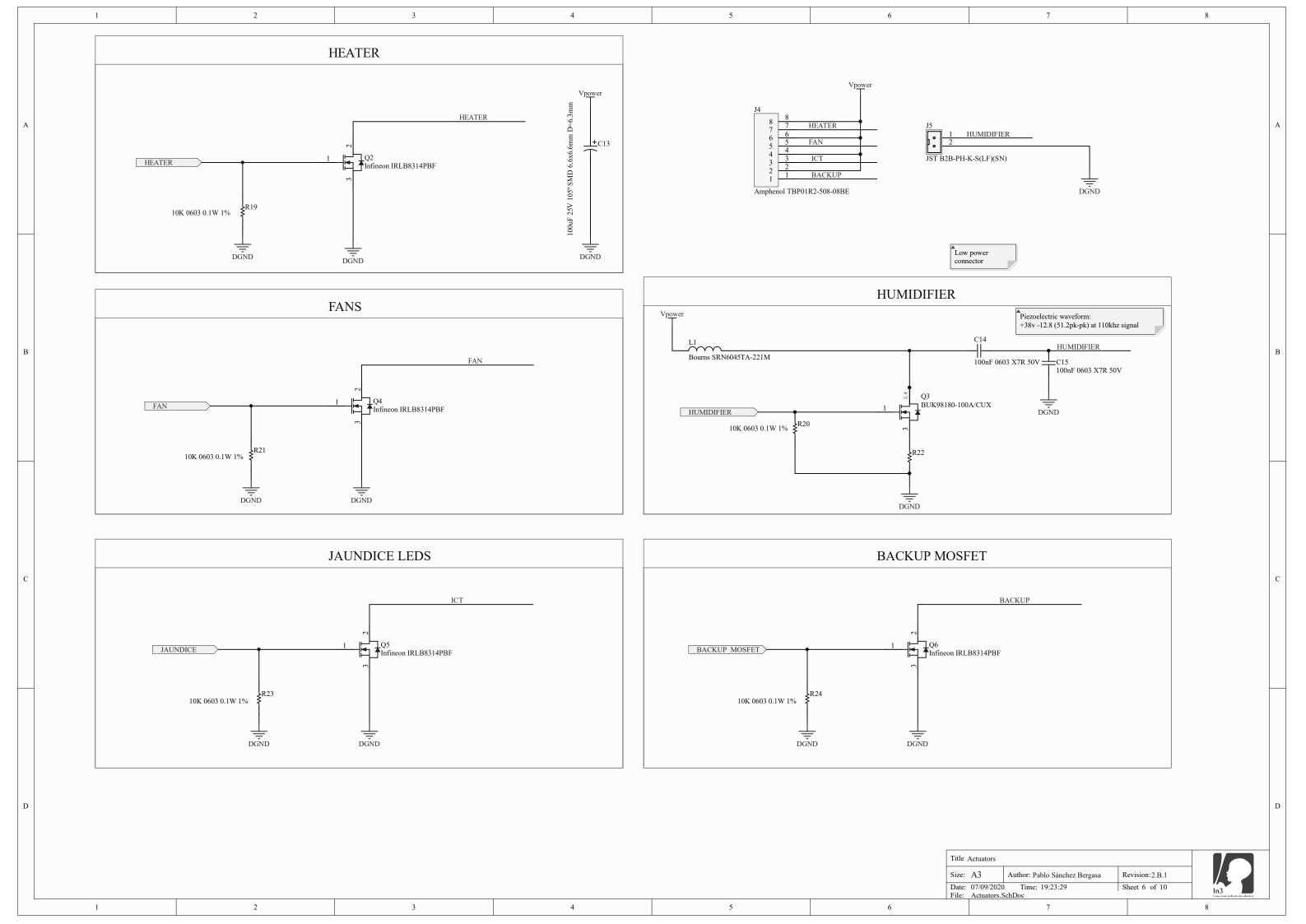


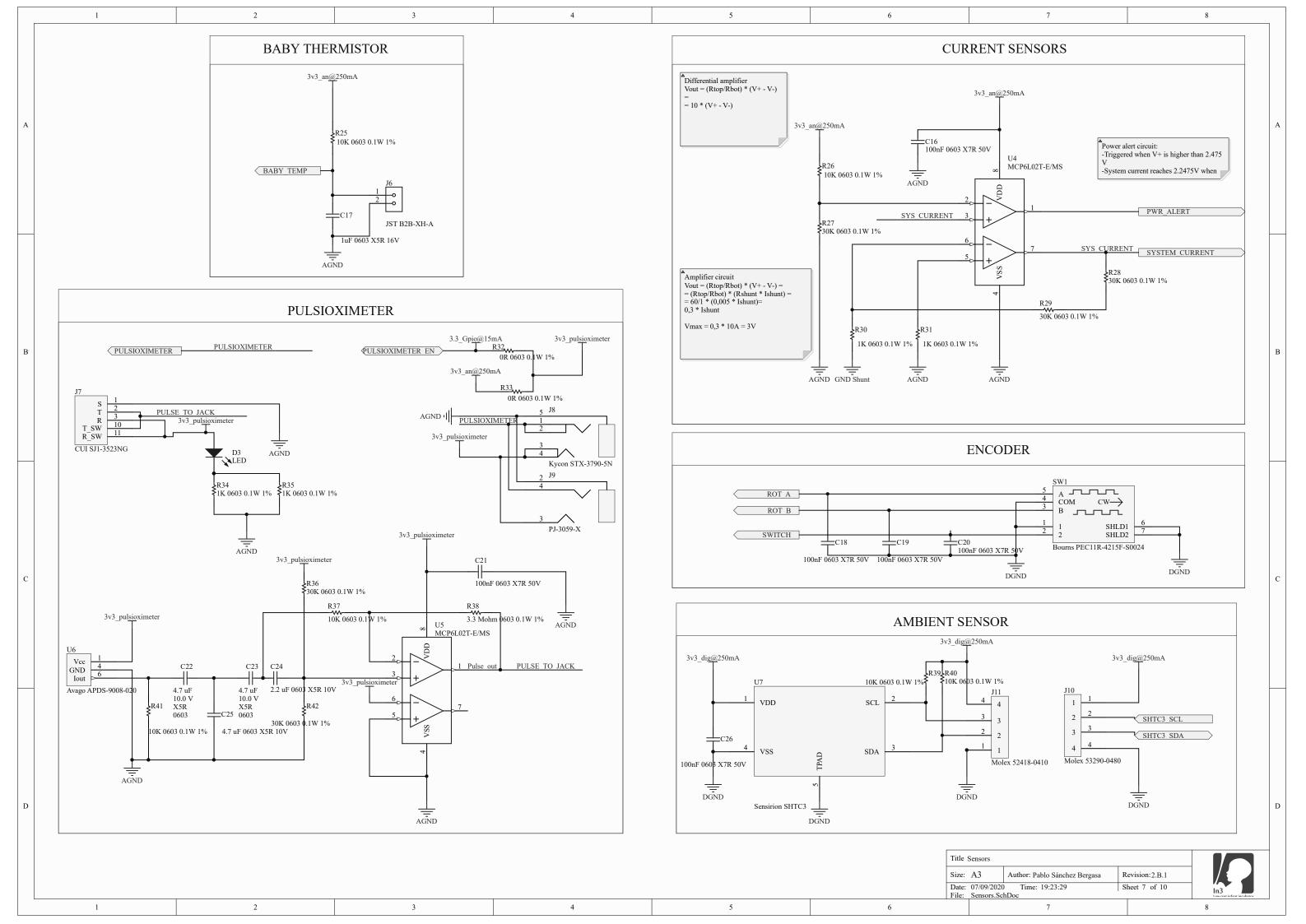


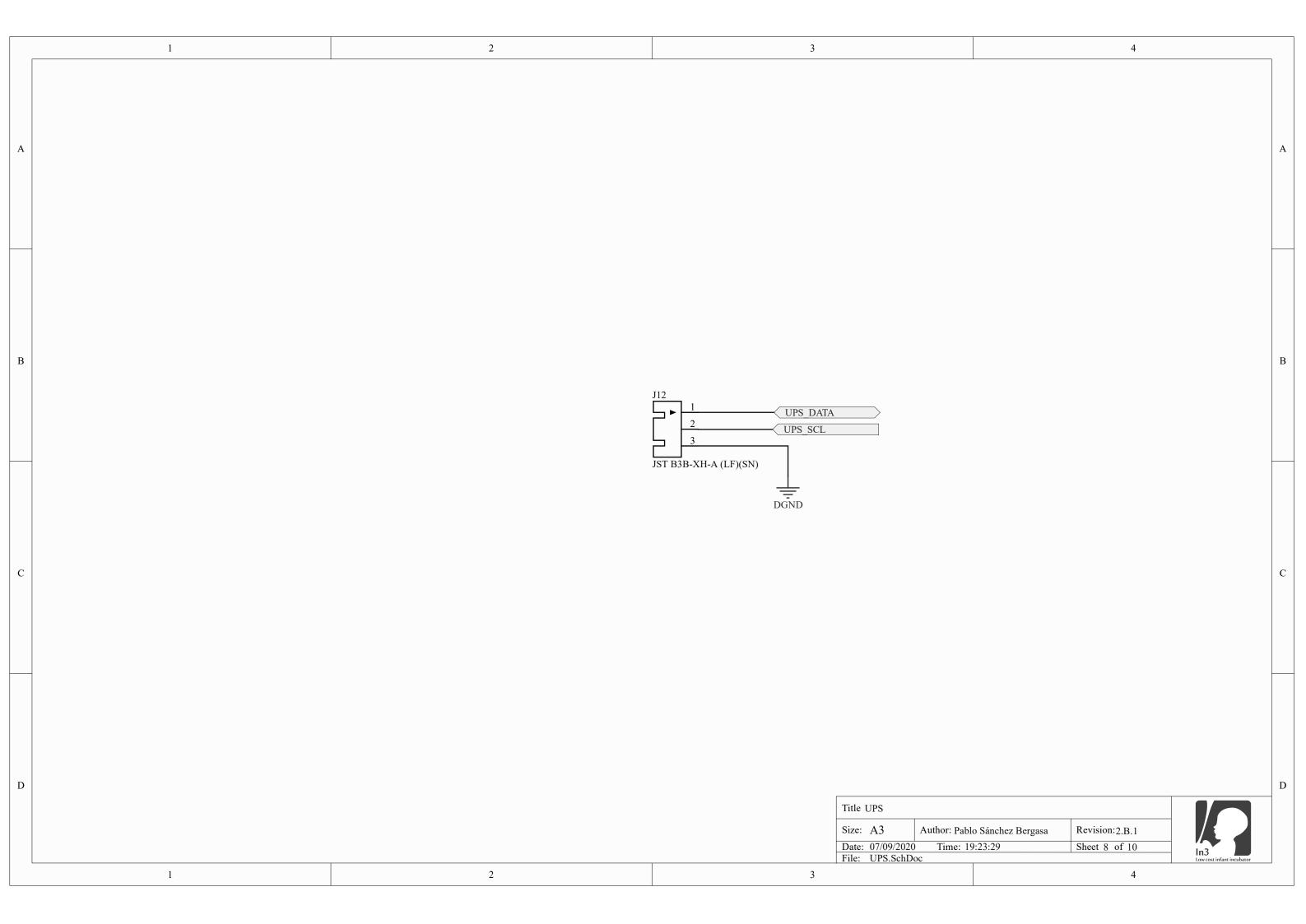


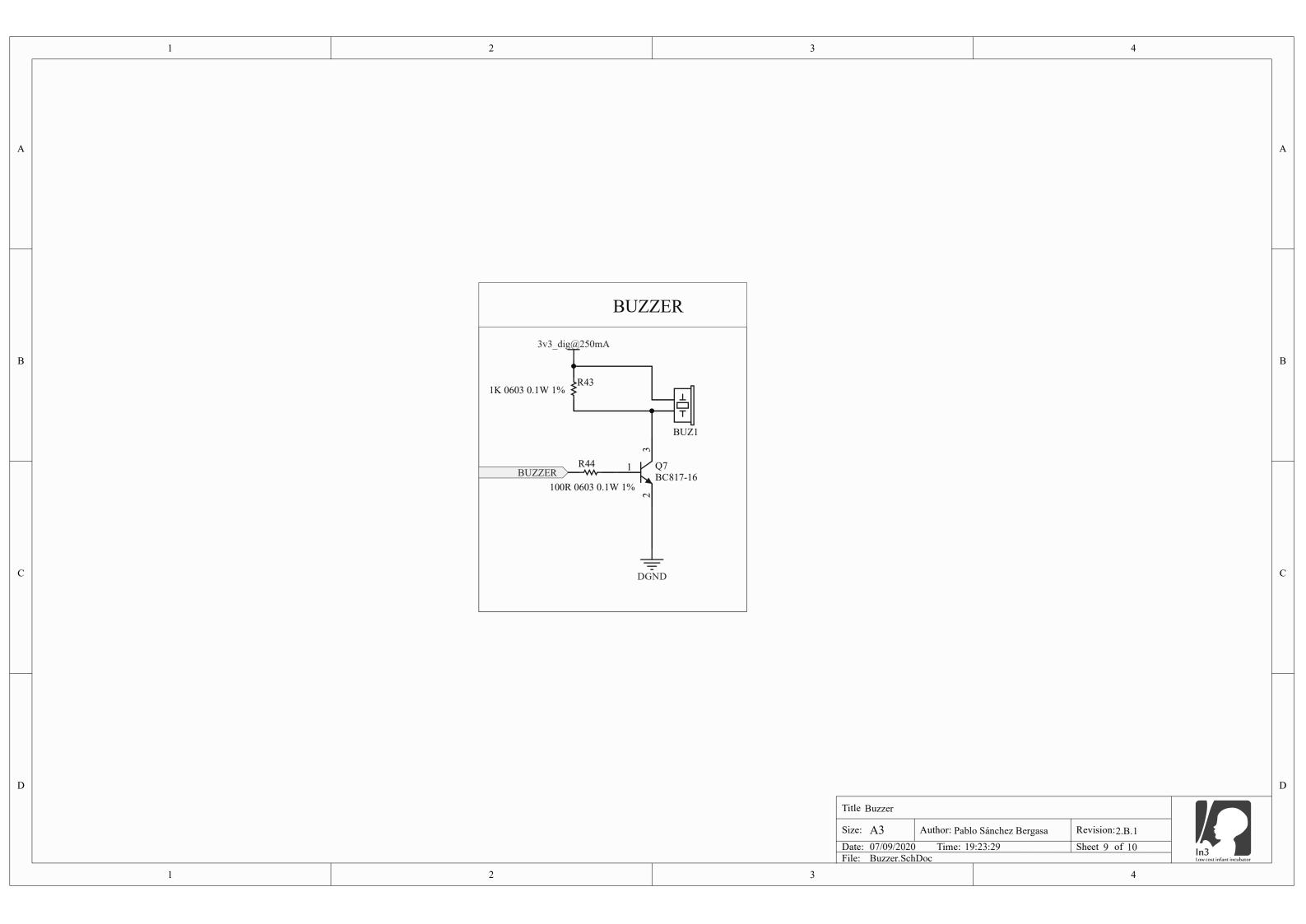


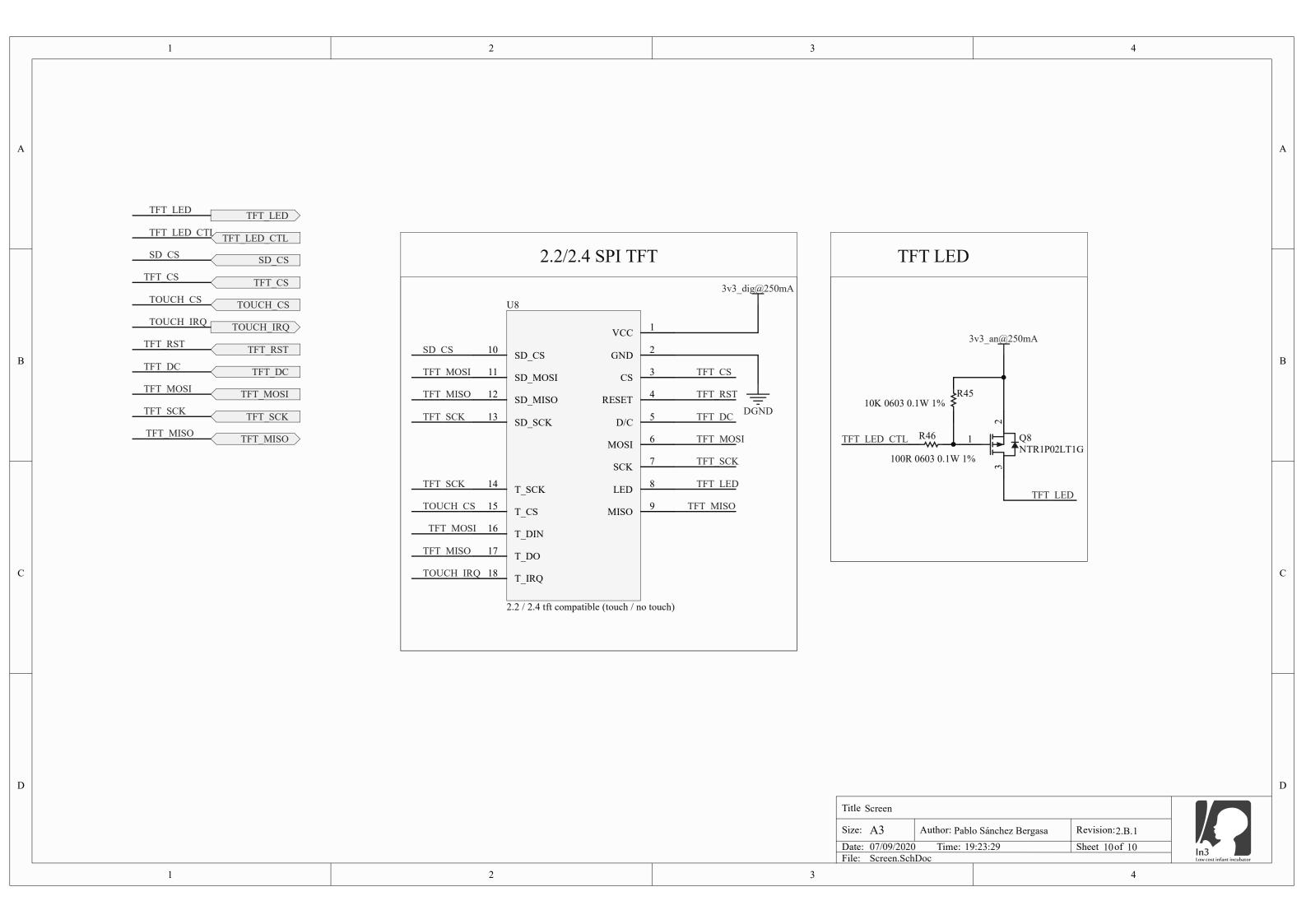


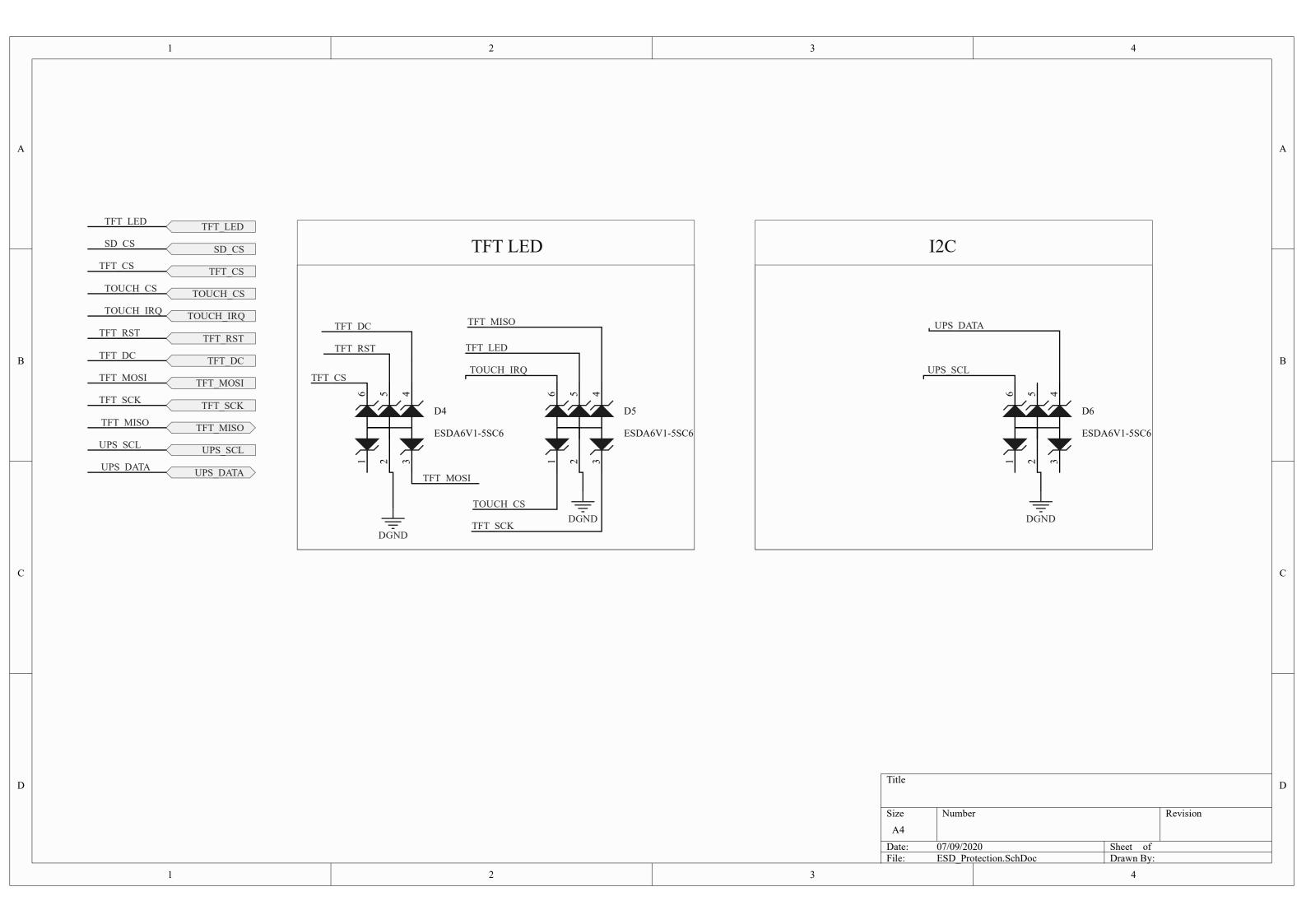


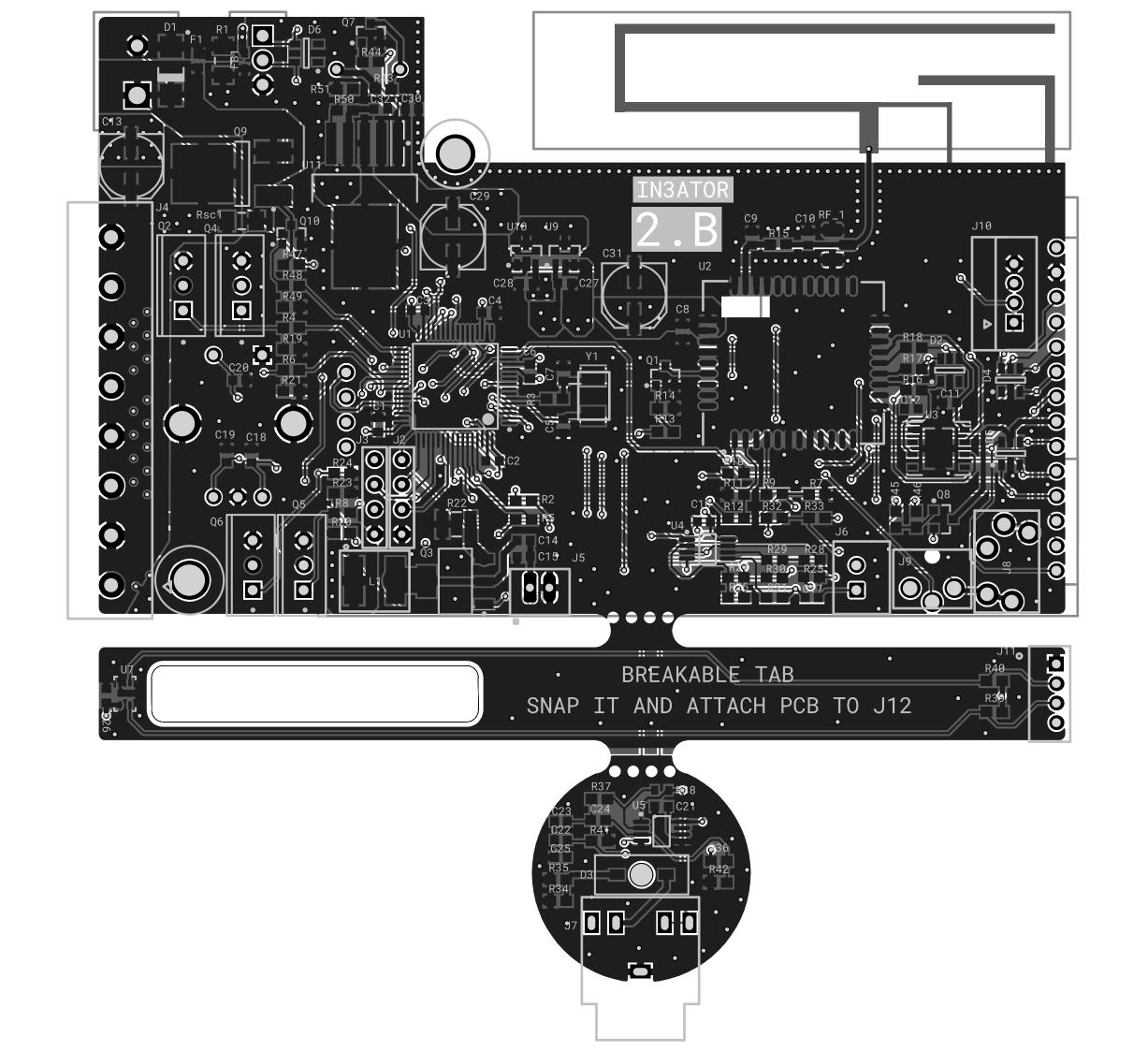




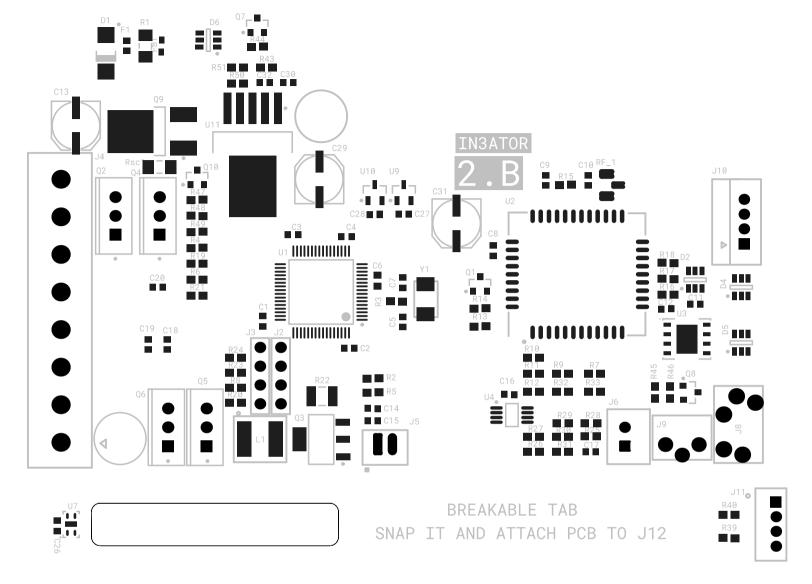


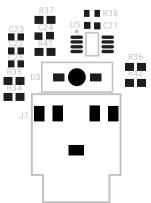


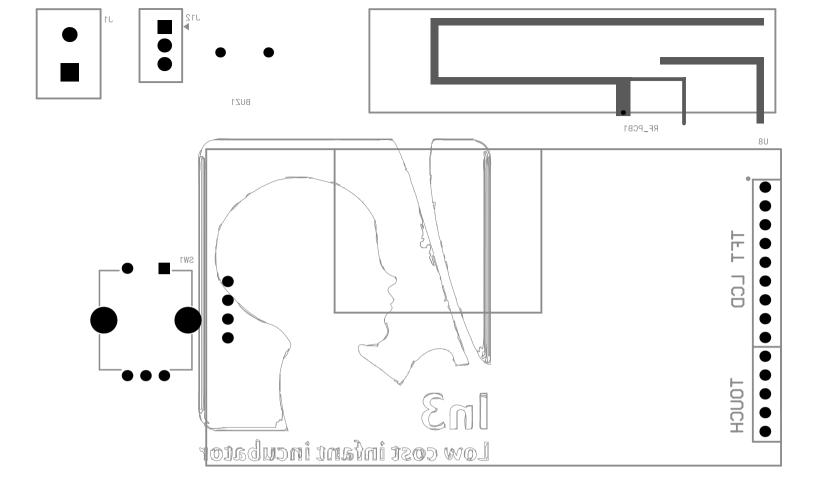












BREAKABLE TAB

SNAP IT AND ATTACH PCB TO J12

PULSE SENSOR •9U

PLACE ON FINGER