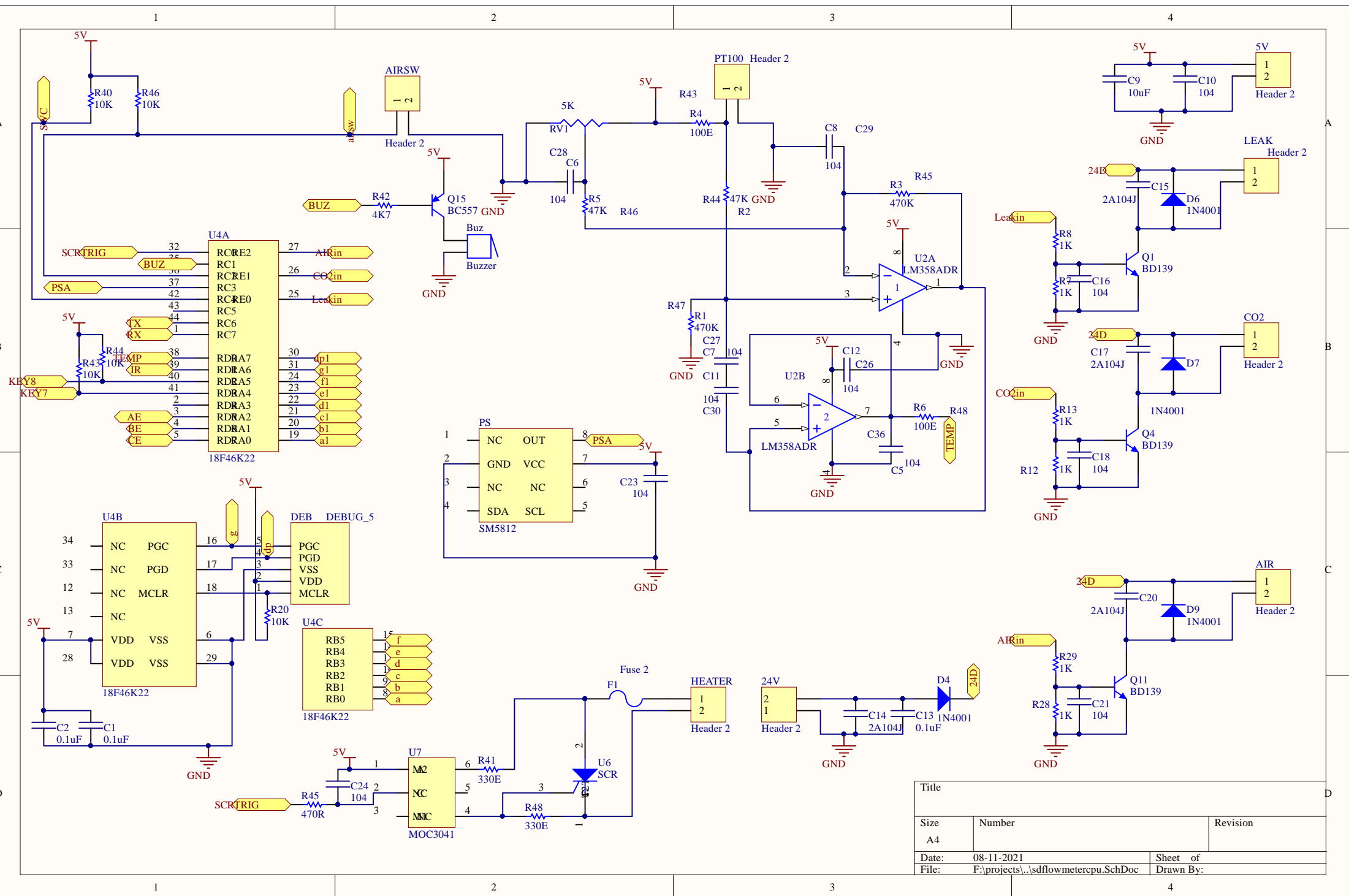
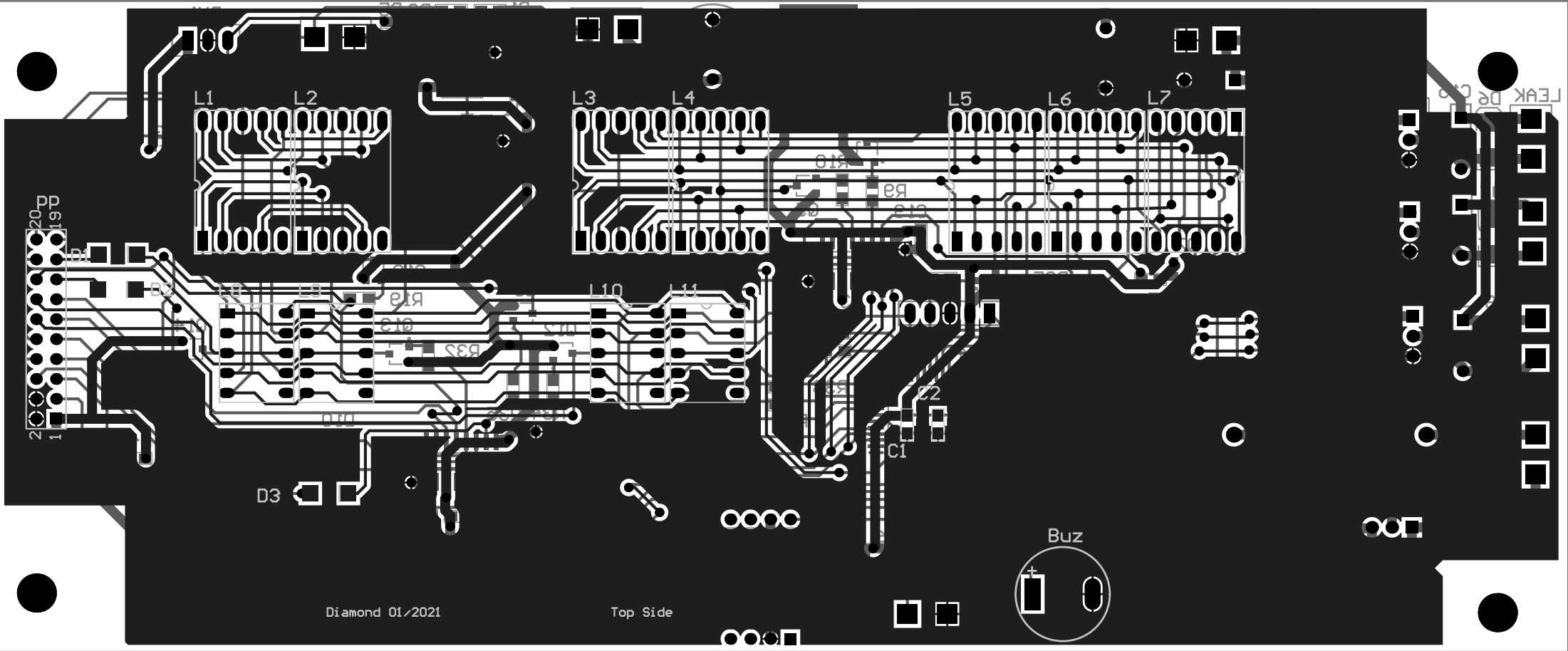


Title		
Size	Number	Revision
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File:	F:\projects\...\sdflowmeter.SchDoc	Drawn By:



Title		
Size	Number	Revision
A4		
Date:	08-11-2021	Sheet of
File:	F:\projects\...\sdflowmetercpu.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
Header 2	Header, 2-Pin	5V, 24V, AIR, AIRSW, CO2, HEATER, LEAK, PT100	green2_5.08	Header 2	8
Buzzer	Magnetic Transducer Buzzer	Buz	BUZ	Buzzer	1
0.1uF		C1, C2, C13, C19, C22	0805	cap0805	5
100uF/35V		C3	CAP0.510x17	CAP	1
470uF/10 V		C4	CAP0.510x17	CAP	1
104		C5, C6, C7, C8, C10, C11, C12, C16, C18, C21, C23, C24	0805	cap0805	12
10uF		C9	0805	cap0805	1
2A104J		C14, C15, C17, C20	caprad6.5	cap0805	4
1N4148	Default Diode	D1, D2, D3, D8, D10, D11	CMELF	Diode	6
1N4001	1 Amp General Purpose Rectifier	D4, D6, D7, D9	SMB	Diode 1N4001	4
Schottky Diode	Schottky Diode	D5	SMA	DIODE SCHOTTKY	1
DEBUG_5		DEB	rel5pin	DEBUG_5	1
Fuse 2	Fuse	F1	Fuse1	Fuse 2	1
7segled		L1, L2, L3, L4, L5, L6, L7	DIP10CCLED	7SEGLEDCC	7
7segled		L8, L9, L10, L11	DIP10CCLED10mm	7segled	4
68uH		L12	INDMT1	INDUCTOR	1
Header 10X2	Header, 10-Pin, Dual row	PP	HDR2X10	Header 10X2	1
SM5812		PS	DIP8_6	SM5812	1
BD139	NPN Bipolar Transistor	Q1, Q4, Q11	TO-220-AB	NPN_SOT32	3
BC557	PNP Bipolar Transistor	Q2, Q3, Q5, Q6, Q7, Q8, Q9, Q10, Q12, Q13, Q14, Q15	SOT-23	PNP	12
470K	Resistor	R1, R3	0805	RES	2
47K	Resistor	R2, R5	0805	RES	2
100E	Resistor	R4, R6	0805	RES	2
1K	Resistor	R7, R8, R12, R13, R28, R29	0805	RES	6
4K7	Resistor	R9, R10, R11, R14, R17, R18, R19, R32, R34, R35, R36, R42	0805	RES	12
470E	Resistor	R15, R16, R21, R22, R23, R24, R25, R26, R27, R30, R31, R33, R37, R38, R39, R47	0805	RES	16
10K	Resistor	R20, R40, R43, R44, R46	0805	RES	5
330E	Resistor	R41, R48	0805	RES	2
470R	Resistor	R45	0805	RES	1
5K	Tapped Resistor	RV1	rel3pin	Res Tap	1
LM2576		U1	TO263-5	LM2576	1
LM358ADR	Dual Operational Amplifier	U2	D008_L	LM358ADR	1
SN54ALS138AJ	3-Line to 8-Line Decoder / Demultiplexer	U3, U5	SOIC16	SN54ALS138AJ	2
18F46K22		U4	TQFP44	18F46K22	1
SCR	Silicon Controlled Rectifier	U6	TO-220-AB	BT136	1
MOC3041		U7	SOIC6	MOC3041	1