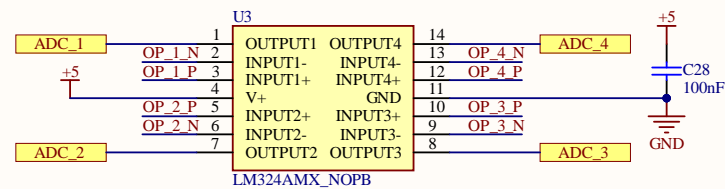
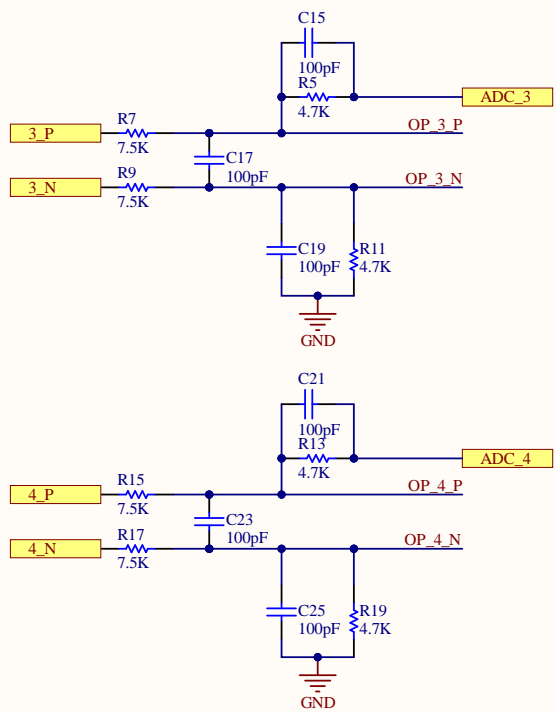
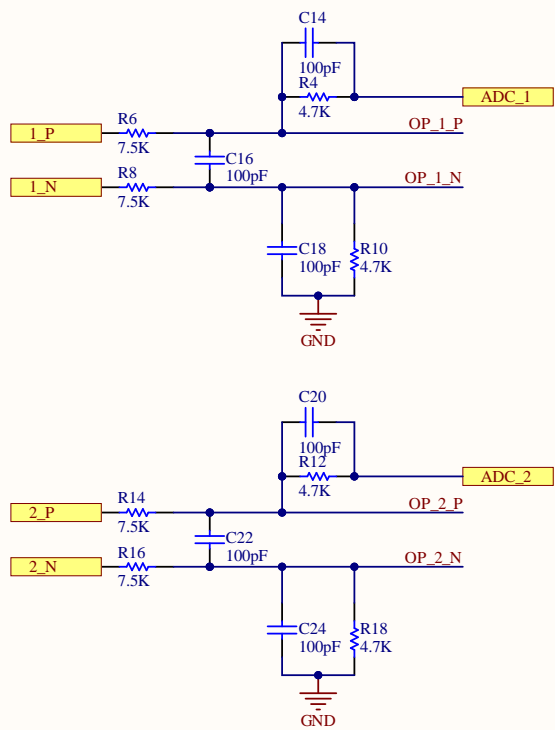
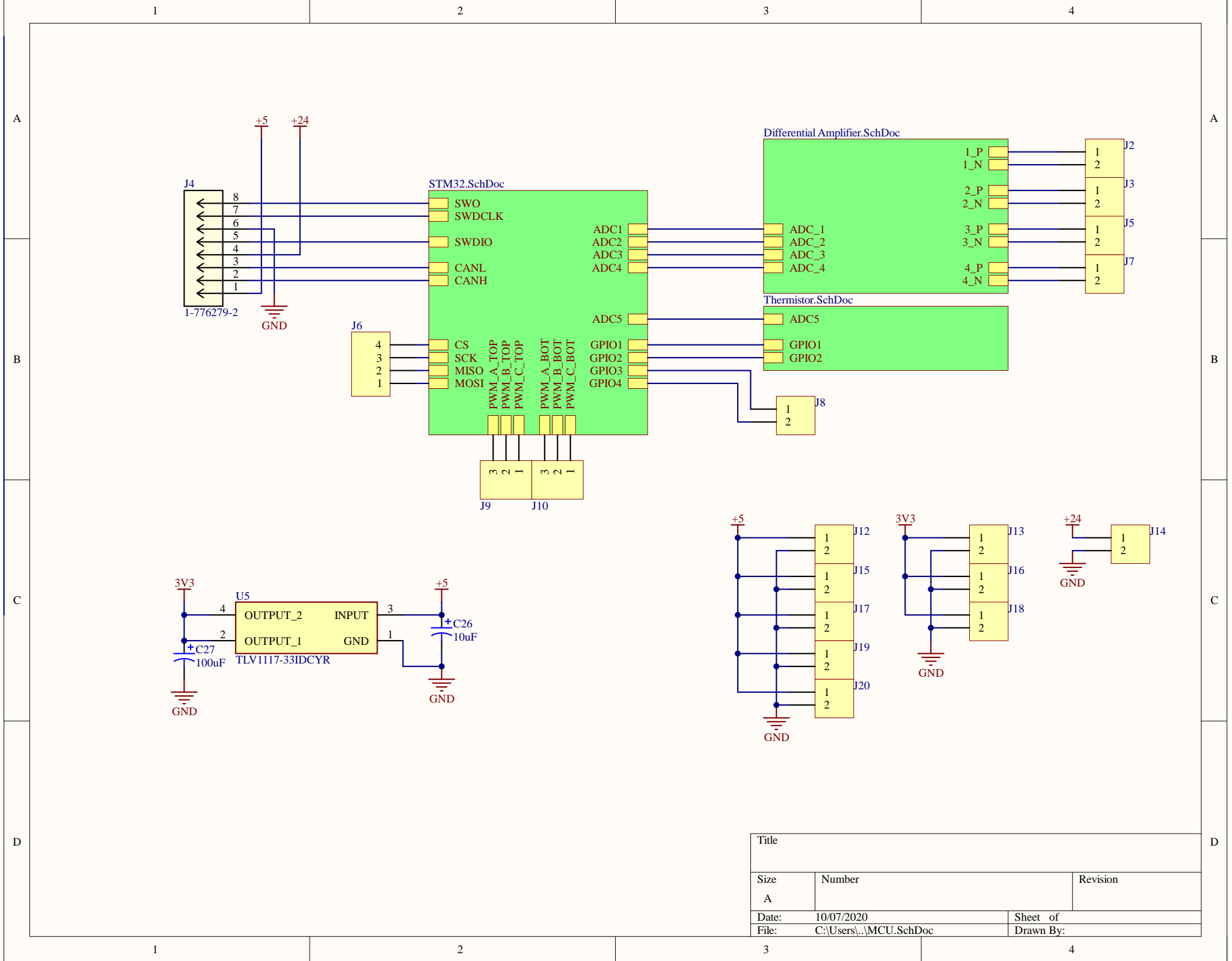


Designator	Value	Comment	Description	Footprint	Quantity
C1	10nF	10V	C0805C103K8RAC7800 .10000pF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	1
C2, C3	2.2uF	10V	C0805C225K8RACAUT O. 2.2uF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	2
C4	1uF	10V	CL21B105KPFNNNE. 1uF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	1
C5, C6, C7, C8, C9, C10, C11, C28, C29	100nF	10V	C0805C104K8RACTU. 0.1uF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	9
C12, C13	4pF	50V	CBR08C409B5GAC. 4pF ±0.1pF 50V Ceramic Capacitor COG, NPO 0805 (2012 Metric), CBR08C409B5GAC	C0805	2
C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25	100pF	10V	C0805C104K8RACTU. 0.1uF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	12
C26	10uF	Cap Pol3	Polarized Capacitor (Surface Mount)	CAPAE660X800N	1
C27	100uF	Cap Pol3	Polarized Capacitor (Surface Mount)	CAPAE660X800N	1
J1		Header 4X2A	Header, 4-Pin, Dual row	HDR2X4_CEN	1
J2, J3, J5, J7, J8, J12, J13, J14, J15, J16, J17, J18, J19, J20		Header 2	Header, 2-Pin	HDR1X2	14
J4		1-776279-2	8 POS RIGHT ANGLE HEADER ASSY	CONN8_776279_TEC	1
J6		Header 4	Header, 4-Pin	HDR1X4	1
J9, J10		Header 3	Header, 3-Pin	HDR1X3	2
R1	10K	5%	ERJ-3GEYJ103V. 10 kOhms ±5% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Automotive AEC- Q200 Thick Film	J1-0603	1
R2	120	5%	ERJ-3GEYJ103V. 10 kOhms ±5% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Automotive AEC- Q200 Thick Film	J1-0603	1
R3	0	0603	ERJ-U030R00V. 0 Ohms Jumper 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Anti-Sulfur, Automotive AEC- Q200 Thick Film	J1-0603	1
R4, R5, R10, R11, R12, R13, R18, R19	4.7K	5%	ERJ-3GEYJ103V. 10 kOhms ±5% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Automotive AEC- Q200 Thick Film	J1-0603	8
R6, R7, R8, R9, R14, R15, R16, R17	7.5K	5%	ERJ-3GEYJ103V. 10 kOhms ±5% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Automotive AEC- Q200 Thick Film	J1-0603	8
RN1		YC164-FR-0710KL	Resistor Network	YC164JR07220RL	1
S1		SW-PB	Switch	PTS636 SM43 SMTR LFS	1
U1		TJA1051T_3,118	Integrated Circuit	SOIC127P600X175-8N	1
U2		STM32F405RGT6TR		STM32F405RGT6TR	1
U3		LM324AMX_NOPB	Integrated Circuit	SOIC127P600X175- 14N - duplicate	1
U4		TMUX1204DGSR	Integrated Circuit	SOP50P490X110-10N	1
U5		TLV1117-33IDCYR	Integrated Circuit	SOT230P700X180-4N	1
Y1		CX5032GB08000H0HP QZ1	8MHz ±20ppm Crystal 12pF 300 Ohms 2- SMD, No Lead	CX5032GB08000H0HP QZ1	1

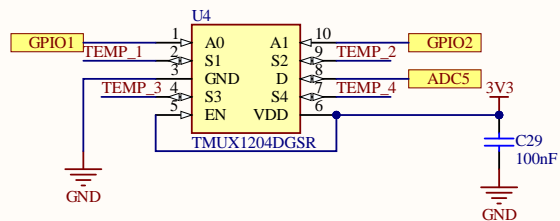
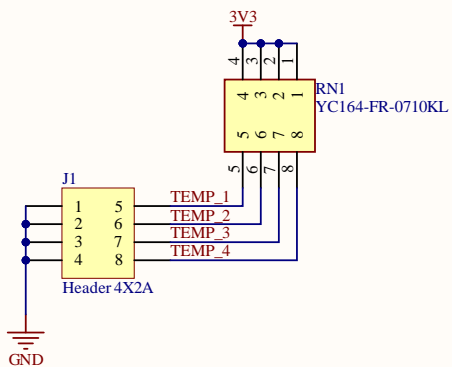


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