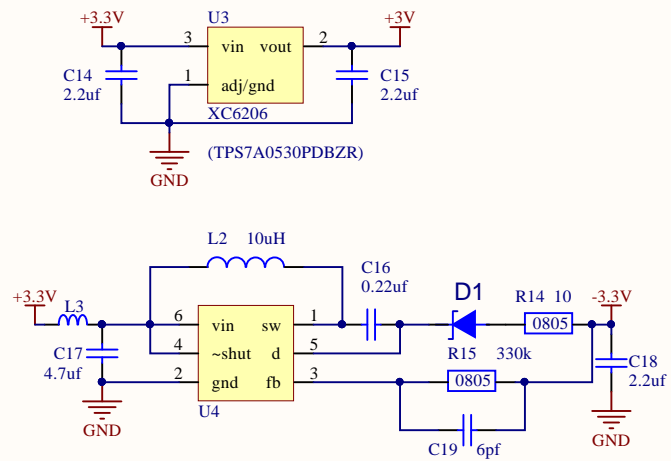


Signal path	Attenuator	Offset&Gain	ADC	RB, RT
-2V..2V	-0.5V..0.5V	$2 \times (0.65 + (-0.5V..0.5V))$	1.3 + (-1V..1V)	0.3, 2.3V



Title		
Size	Number	Revision
A4		
Date:	20.10.2020	Sheet of
File:	D:\my_work\...\adc08200.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
cap0805	Capacitor	C1, C2, C4, C5, C6, C9, C10, C12, C14, C15, C16, C17, C18, C19	SM0805	cap0805	14
CAP_POL_SMA	CAP_POL_SMA(3216)	C3, C7, C8, C11, C13	CAP_POL_SMA (3216)	CAP_POL_SMA	5
DiodeShottky_SOD323	SOD323	D1	SOD323	DiodeShottky_SOD323	1
JUMPER2		JP1	JUMPER2	JUMPER2	1
SMA_Edge		K1	AMPHENOL_132357-11	SMA_Edge	1
PMOD_6x2_right_angle	PMOD_6x2_right_angle	K2	PMOD_6x2_right_ANGLE	PMOD_6x2_right_angle	1
75R@100MHz	chip inductance	L1, L3	SM_0805_INDUCTANCE_3D		2
inductance SMT 3.2x4.5 mm	inductance SMT 3.2x4.5 mm	L2	inductor_LQH43PN	inductor_LQH43PN	1
res_var_SMT	Trimmer Bourns 3223W	R1, R8	TRIM_BOURNS_3223W	res_var_SMT	2
res0805_EU	Resistor	R2, R3, R4, R5, R6, R7, R9, R10, R11, R12, R13, R14, R15	SM0805	res0805_EU	13
LMH6723	current feedback OPAMP	U1	SOT-23_5	LMH6723	1
ADC08200	soic28 with thermalpad	U2	SSOP-24	ADC08200	1
XC6206	SOT-23-3 ldo	U3	SOT-23	XC6206	1
LT3483	dc/dc tsot23-6	U4	SOT-23_6	LT3483	1