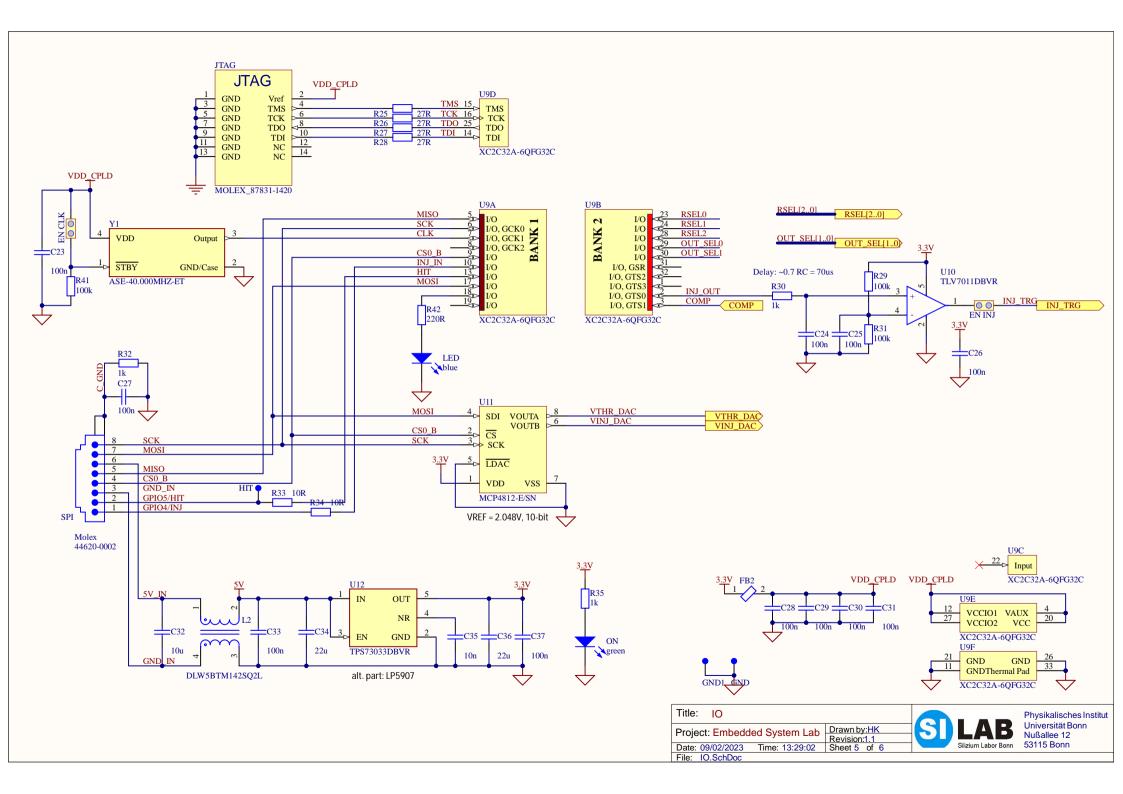


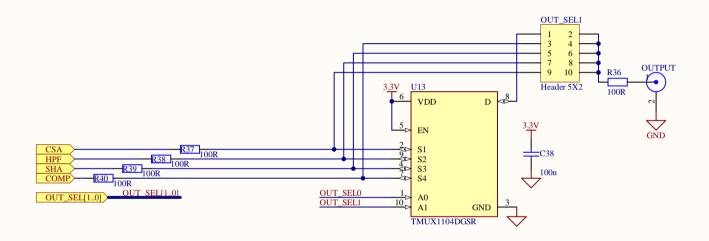
Title: Comparator

Project: Embedded System Lab Revision:1.1
Date: 09/02/2023 Time: 13:29:02 Sheet 4 of 6

File: COMP.SchDoc

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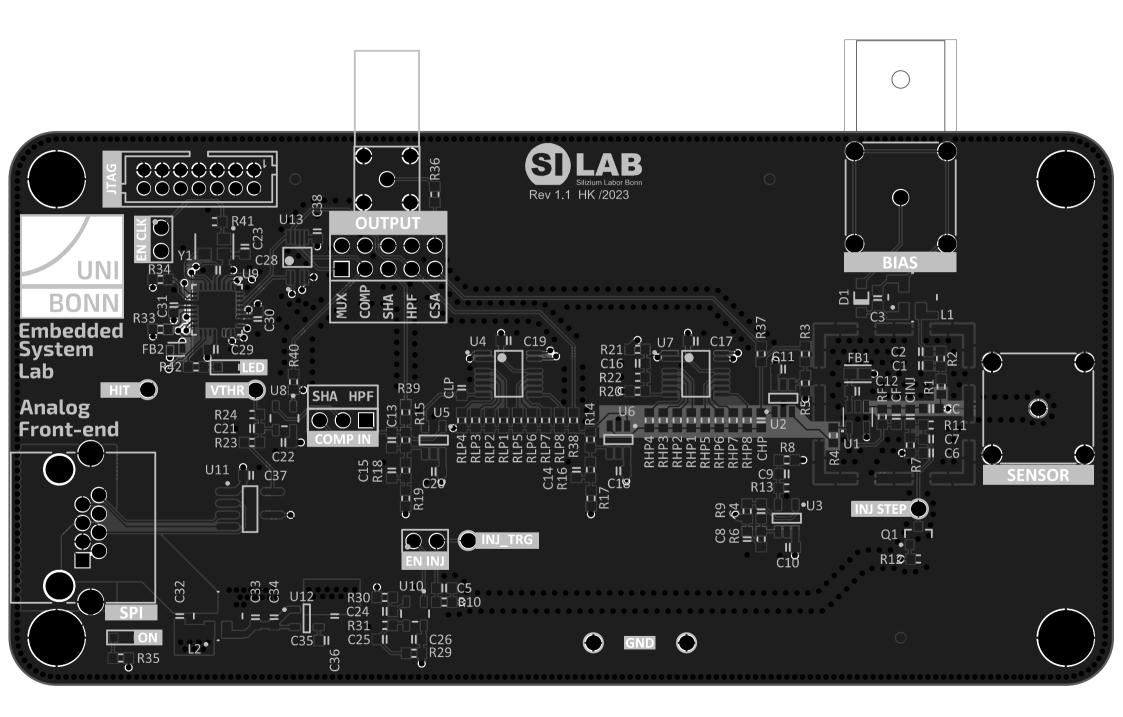


Title: Output

Project: Embedded System Lab
Revision:Rev
Date: 09/02/2023 Time: 13:29:02 Sheet 6 of 6

File: Output.SchDoc

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Silizium Labor Bonn
Vigallee 12 53115 Bonn



		Jumper,	wingsifor	e-current ID	ANTONIA AERO	AAVTOOR TESTER	Junity	whatacurer 1	www.atacharer.yart.Number 1	manufacturer Lifecycle 1	exponer 1	Supplier Part Number 1	Supplier Unit Price 1	Auppeer Subtotal
_		Jumper, Solderbridge 1x2	EN CLK, EN INJ		Not managed	<u></u>	2	Щ			L_		Щ	L
		Jumper, Solderbridge	COMPIN		Not managed		,							
		TEMO/BMC		_										
		Buchse, aufrecht od.	OUTPUT		Not managed		1							
		gowinkelt												
		Modular Jack, Right Angle RI- 45, Low Profile, Inverted, with all Panel Crounding Tabs, Shielded with RI-11 Evernet												
		Profile,												
		all Panol	SPI		Not managed		1							
		Crounding Tabs, Shielded												
		with R3-11 Ecopout Feature												
		Solderpad,	GND, GMD1,											
		Einzelner Kontakt	GND, GMD1, HIT, INU STEP, INU_TRG, VTHR		Not managed									
		Fant Switching	YTHE											
		Fast Switching Diode, 100 V, 0.15 A, -65 to												
	1N4148W-3-F	150 degC, 2- Pin7500123, R	D1		Unknown server		1	Diodes	1N 4148W-7-F	Volume Production				
		oNS, Tape and Reel												
	507		01,02		Not managed Not managed		2							
		75R BNC Right	-				_							
	71K201-400A5	Capacitor 75R BNC Right Angle Jack, Up to 4 CHz, -65 to 165 degC XTAL	BIAS		Unknown server		1	Rosenberger	71K201-400A5	Volume Production				
		STAL Oscillator												
		40MHz s100ppm			Unknown server									
	ASE-40.000MHZ-ET	CMC5 3.3V 4	m		Unknown server		,							
		SMD12mmx 25mm												
		2.5mm General Purpose												
	BCB468LT1G	Tramistor, NON Silver T.	aı		Unknown server		١,							
		General Purpose Translator, NPN Silicon, 3- Pin SOT-23, Pb- Free, Tape and Reel				1		l	1	1	1	1	l	1
		rvee, rape and Reel						l			L			
		ChipFerrite Seed ONCO			l	1		l	1	1	1	1	l	1
	BLM18PG121SN1D	1200 (F 100MHz, 0.050, 25%, 2A	FB1, FB2		Unknown server	1	2	l	1	1	1	1	l	1
		0.050, 25%, 2A					<u></u>				<u> </u>			
		SMD mono- color Chip LED, WL-SMCW,	urn or			l				National Bases				l
	blue, green	WL-SMCW, Green	LED, ON		Unknown server	1	2	Wurth Electronics	150060C575000	Volume Production	1	1	l	1
_	CD0	Capacitor Capacitive	CI3 CF. CIN ¹		Not managed Not managed		-							
=	DLWSB1M1425Q2L	Common	ti i		Not managed									Ė
	DLWS8TM1425Q2L	Mode Choke, 2020, 14000 (# 100MHz,	12		Unknown server	1		Marata	DUWSBTMT 425Q2L	Volume Production	1	1	l	1
		100MHz,	Γ.		Annen SEWER	1	Ι,				1	1	l	1
	Header 5X2	0.0560, 1.5A Header, 5-Pin, Dual row	OUT_SEL1		Not managed		,							
		No No												
	LTC8268-10	No Description Available	un		Not managed						<u> </u>			
		Available 12-Bit DACs with Internal												
	Manager Com-					1			MCP4822-E/5N	Markey Barrier	1	1	l	l
	MCP4812-E/SN	Interface, 8- Pin SOIC 150mil, Extended	unn		Unknown server	1	,	Microchip	NLP4922-1/5N	Volume Production	1	1	l	l
		Extended												
		Temperature Molex E7831- 1420: 14Pin: Jmm Pitch:												
	MOLEX_87831-1420	1420; 14Pin; 2mm Pitch;	ITAG		Not managed		1							
		250 MHz, Rail- to-Rail I/O,												
		to-Rail I/O, Single CMOS												
		Single CMOS Operational Amplifier with												
		Shutdown, 2.5												
		125 degC, 6- nin 50121												
	OPA357AIDBVT, OPA397AIDBVT	(DBV6), Green	LD, LD, US, US		Unknown server		4	Tesas Imbruments	OPA353AIDBVT	Volume Production				
	UF AUTHALIAN I	Amplifler with Shutdown, 2.5 to 5.5 V, 40 to 125 degC, 6- pin 50723 (DBVs), Green (RoHS & no 50/Br), Single, low-offset (3.06 mV), low-												
		(0.06 mV), low-												
		noise, low bias current,												
		hoise, low bias current, cost optimized, 8990, e-trim~ op amp												
		8850, e-trim~ op amp												
		SMDCHp	81, 89		Not managed									
	×	SMDChip Resistor SMDChip Resistor	R1, 107 R2				-							
	-	Resistor	R2 R3, R14, R15, R20, RHP7,	-	Not managed		Η'	-	-		 		-	
	R	SMDChip Resistor			Not managed	l						I		
			R20, RHP7, BI D7								l			
			RLP7 R4, R36, R37,		Madaman .									
	R	Resistor SMD-Chip Resistor	RLP7 R4, R36, R37,		Not managed									
	R	SMDChip Resistor	RLP7 R4, R36, R37,											
	R		RLP7 R4, R36, R37,		Not managed Not managed		16							
	R	SMD Chip Resistor SMD Chip Resistor	BEPT B4, 836, 837, 838, 839, 840, 896P1, 8EP1 85, 85, 87, 810, 811, 812, 816, 818, 822, 827, 824, 830, 827, 827, 824,		Not managed		16							
	R R	SMD Chip Resister SMD Chip Resister	RLP7 R4, R36, R37,		Not managed		36							
	R R R	SVID Chip Resistor SVID Chip Resistor SVID Chip Resistor SVID Chip	REPT R4, R26, R31, R38, R29, R40, R091, R1P1 R5, R6, R7, R10, R11, R12, R10, R18, R22, R21, R24, R30, R32, R35, R091, R1P1 R8				30							
	R R R R	SVID Chip Resistor SVID Chip Resistor SVID Chip Resistor SVID Chip Resistor SVID Chip Subscore SVID Chip	SEPT 84, R25, R31, R27, R40, R31, R27, R40, R31, R27, R40, R31, R12, R10, R11, R12, R10, R12, R23, R23, R24, R30, R32, R31, R31, R31, R31, R31, R31, R31, R31		Not managed Not managed Not managed		30							
	E E E E E	SMDChip Resistor SMDChip Resistor SMDChip Resistor SMDChip Resistor SMDChip Resistor SMDChip Resistor SMDChip Resistor SMDChip	REF7 RR, RTS, RTS, RSS, RSS, RSS, RSS, RSS, R		Not managed Not managed Not managed Not managed		16							
	R R R R R R R	SMD-Chip Resistor SMD-Chip Resistor SMD-Chip Resistor SMD-Chip Resistor SMD-Chip Resistor SMD-Chip Resistor SMD-Chip Resistor SMD-Chip Resistor SMD-Chip	REPT RES. (RES. (RES.)		Not managed Not managed Not managed Not managed Not managed		10 11 11 4							
	R R R R R R R R	SWDChip Resistor SWDChip Resistor SWDChip SwDChip Resistor SWDChip Resistor SWDChip Resistor SWDChip Resistor SWDChip Resistor SWDChip Resistor SWDChip Resistor	REFT (M. RES., RES.) RES., RES		Not managed		10 11 11 4 4							
	R R R R R R R R R R R	SMDChip Brainter	REFT SERVICES STATE OF STATE O		Not managed		10 11 11 4 4 3							
	E E E E E E E E E E E E E E E E E E E	SMDChip Brainter	REFT PR FEEL REFT P FEEL		Not managed		30 11 11 4 3 4 2							
		SMDChip Brishter SMDChip	REFT (M. EDIS, EDI		Not managed		10 10 11 11 11 11 11 11 11 11 11 11 11 1							
	E E E E E E E E E E E E E E E E E E E	SMEChip Brishler SMEChip	REFT (M. P.		Not managed Not managed		15 11 14 4 3 4 2 2							
	R R R R R R R R R R R R R R R R R R R	SMDChip Brishter SMDChip	REFT (ALL REST, RE		Not managed		15 11 14 4 3 4 2 2 2 2 2							
		SMEChip Brishler SMEChip	REFT (ALL REST, RE		Not managed		10 10 10 10 10 10 10 10 10 10 10 10 10 1							
		9MDChip Brailster	REFT (ALL REST, RE		Not managed		8 16 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
	R R R R R R R R R R R R R R R R R R R	SMDChip Besister	REFT (ALL PLANE) (Not managed Not m		3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
	R R R R R R R R R R R R R R R R R R R	9ADChip Brailer	REFT (ALL REST, RE		Not managed		10 10 10 10 10 10 10 10 10 10 10 10 10 1	Tesas Institutements	TO THE THE TO TH					
	R R R R R R R R R R R R R R R R R R R	SWDChip Besister SWDChip SWD	### (FIG. \$27, \$27, \$27, \$27, \$27, \$27, \$27, \$27,		Not managed Not m		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tean Instrument	5770 15604					
	TMUK1104DGSR	SWDChip Besister SWDChip SWD	BEPT AR EDG. R27, EDG. R27		Not managed		30 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1							
		SMDChip Besister SMDChip SMDChip Besister SMDChip SMDCh	### (FIG. \$27, \$27, \$27, \$27, \$27, \$27, \$27, \$27,		Not managed Not m		10 10 10 10 10 10 10 10 10 10 10 10 10 1	Teas Instruments	12/2012/00/4 762/13/2004					
	TMUKT104DKSR TMUKT108PWR	SMDChip Besister SMDChip SMDChip Besister SMDChip SMDCh	827 827 827 828 828 828 828 828 828 828		Not managed to the managed of the ma		10 10 10 10 10 10 10 10 10 10 10 10 10 1	Texas Instruments	TMUX1100PWR					
	TMUK1104DGSR	280Chip Basister S 280Chip Basister S 280Chip Basis	2077 206 (17) 84 (17)		Not managed		10 10 10 10 10 10 10 10 10 10 10 10 10 1			Name Production				
	TMUKT104DKSR TMUKT108PWR	280Chip Basister S 280Chip Basister S 280Chip Basis	2077 206 (17) 84 (17)		Not managed to the managed of the ma		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Texas Instruments	TMUX1100PWR	Waters Production				
	TMUXTIONDCSR TMUXTIONFWR TPST303300WR	280Chip Basister S 280Chip Basister S 280Chip Basis	2077 206 (17) 84 (17)		Nort managed Sort		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Texas Instruments	TMUX1100PWR	Wiless Production				
	TMUKT104DKSR TMUKT108PWR	280Chip Basister S 280Chip Basister S 280Chip Basis	2077 206 (17) 84 (17)		Not managed to the managed of the ma		1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Texas Instruments	TMUX1100PWR	Water Production				
	IMARTIORICSE IMARTIORIUM IPSTROLICEUM IPSTROLICEUM INTERNATIONI INT	280Chip Basister S 280Chip Basister S 280Chip Basis	2077 206 (17) 84 (17)		Nort managed Sort		3 3 4 4 2 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3	Texas Instruments	TMUX1100PWR	Notes Frédicien				
	TMUXTIONDCSR TMUXTIONFWR TPST303300WR	200Chip Nucleir September 200Chip Nucleir Se	827 827 827 828 828 828 828 828 828 828		Nort managed Nort		3 4 4 2 2 2 2 2 2 3 3 3 2 2 2 2 3 3 3 2 2 2 3	Texas Instruments	TMUX1100PWR	Waters Production				
	TMARTITUDGSR TMARTITUDGSWR TMARTITUDGSWR TPST/203300WR XXR	200-Chip Medical Programme Company Com	80 PACE, 100 PAC		Real managed Start managed		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Texas Instruments	TMUX1100PWR	Notes Probation				
	IMARTIORICSE IMARTIORIUM IPSTROLICEUM IPSTROLICEUM INTERNATIONI INT	BOCOSIO SOLICIO DE CONTROLLO DE	10 THE STATE OF TH		Not managed and and managed an		3 1 1 1 2 2 2 2 2 2 2 3 1 1 2 2 2 2 3 3 3 3	Texas Instruments	TMUX1100PWR	Waters Production				
	TMARTITUDGSR TMARTITUDGSWR TMARTITUDGSWR TPST/203300WR XXR	BOCOSP SHOULD SH	80 PACE, 100 PAC		Sout managed South m		2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3	Texas Instruments	TMUX1100PWR	Notice Production				
	TMAX1104DCSR TMAX1106PWR TPST323306WR XXR XXR XXR XXR	BOCCOS SOCIONA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CON	10 THE STATE OF TH		Not managed Association of the Commission of the		3 1 1 1 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3	Texas Instruments	TMUX1100PWR	Waters Production				
	TMAX1104DCSR TMAX1106PWR TPST323306WR XXR XXR XXR XXR	BOCCOS SOCIOLES CONTROLLES CONTRO	10 THE STATE OF TH		Sout managed South m		3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Texas Instruments	TMUX1100PWR	Notices Production				
	MAINTHOGOR MAINTHOGOR PST2000098 220 230 230 230 230 230 230 23	BOCCOS SOCIOLES CONTROLLES CONTRO	### 1975 ###		Not mengal Not me		10 10 10 10 10 10 10 10 10 10 10 10 10 1	Texas Instruments	TMUX1100PWR	Waters Production				
	TMAX1104DCSR TMAX1106PWR TPST323306WR XXR XXR XXR XXR	BOCCOS SOCIOLES CONTROLLES CONTRO	10 THE STATE OF TH		Sout managed South m		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Texas Instruments	TMUX1100PWR	Notices Production				
	MAINTHOGOR MAINTHOGOR PST2000098 220 230 230 230 230 230 230 23	BOCCUp Revolute Processor Security Processor Securi	### 1975 ###		Not mengal Not me		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Texas Instruments	TMUX1100PWR	Waters Production				
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	MAINTHOGOR MAINTHOGOR PST2000098 220 230 230 230 230 230 230 23	BOCCUp Revolute Processor Security Processor Securi	SECTION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATIO		Not mengal Not me		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Texas Instruments	TMUX1100PWR	Wilders Probletton				