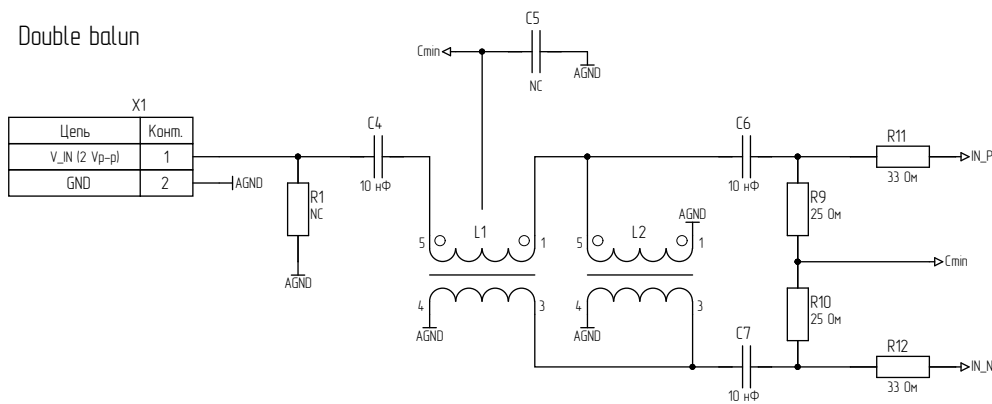
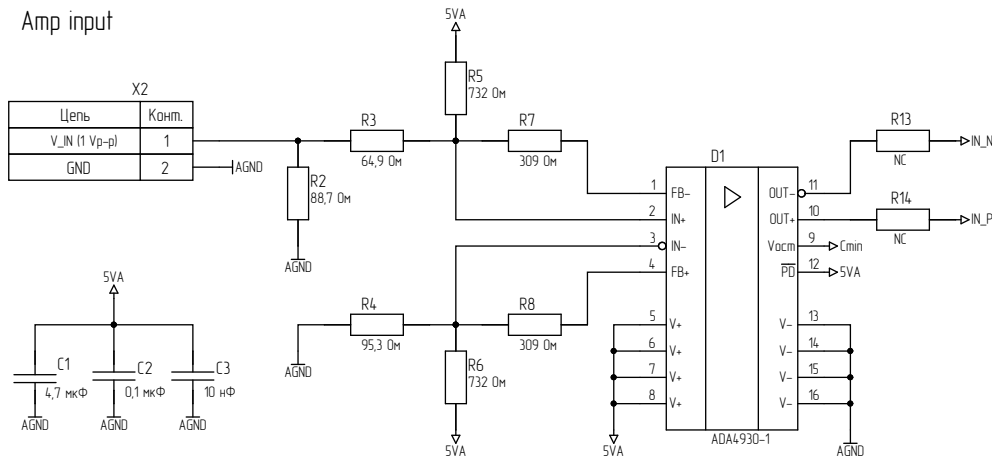


*

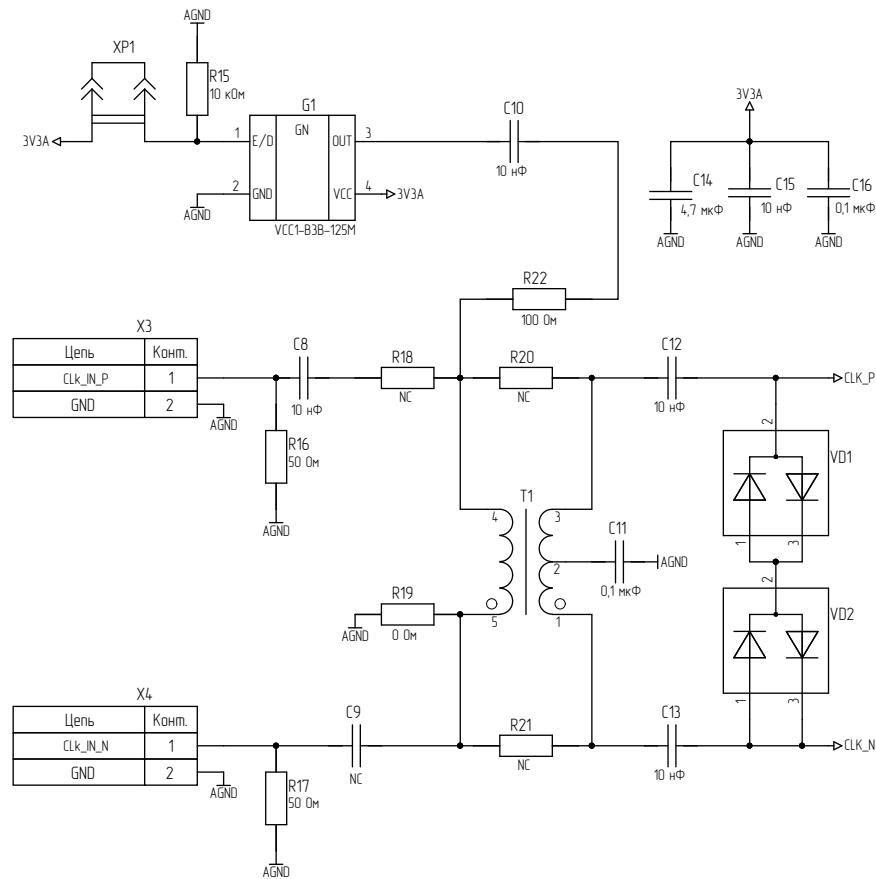
Double balun



Amp input



Clock circuitry



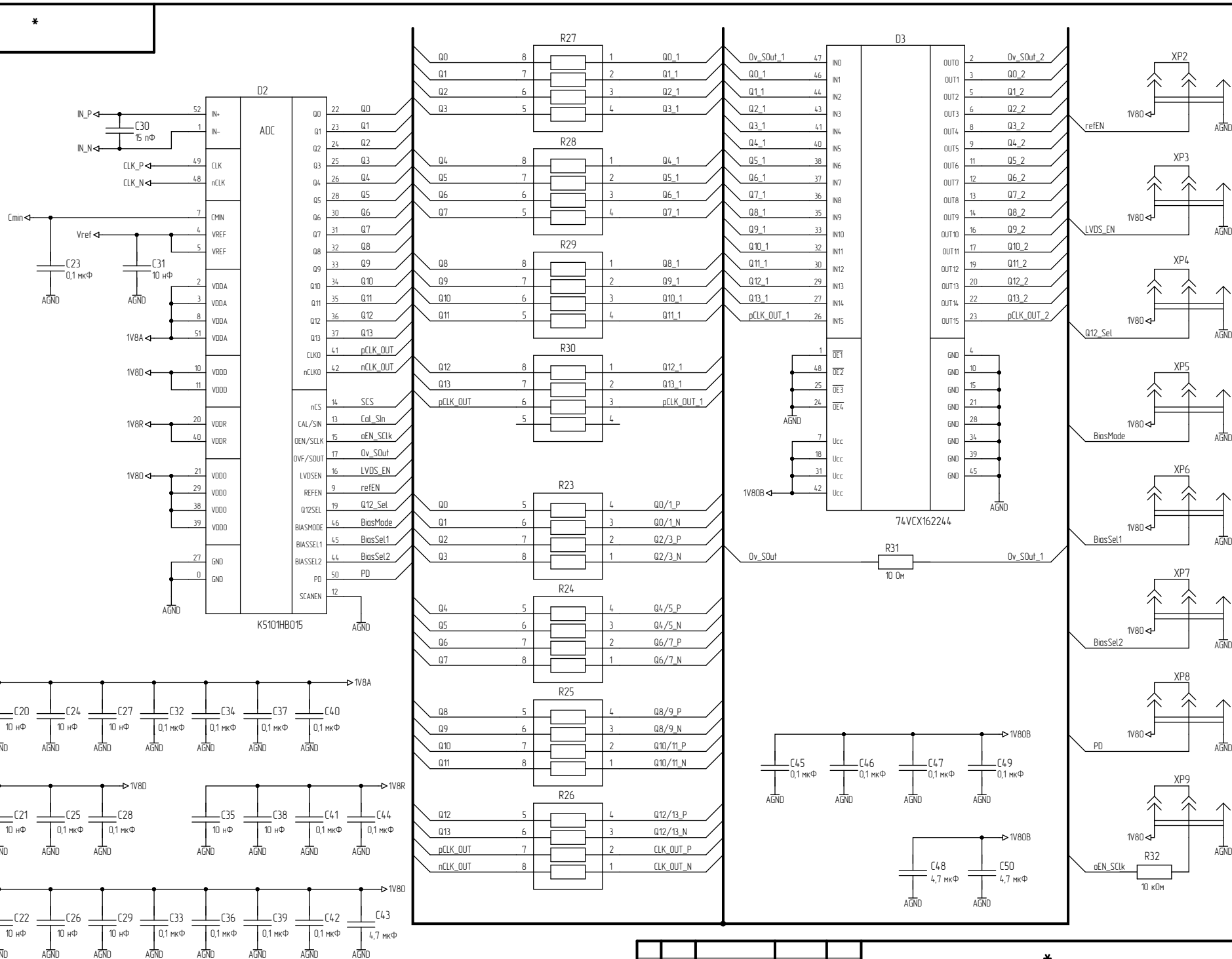
*

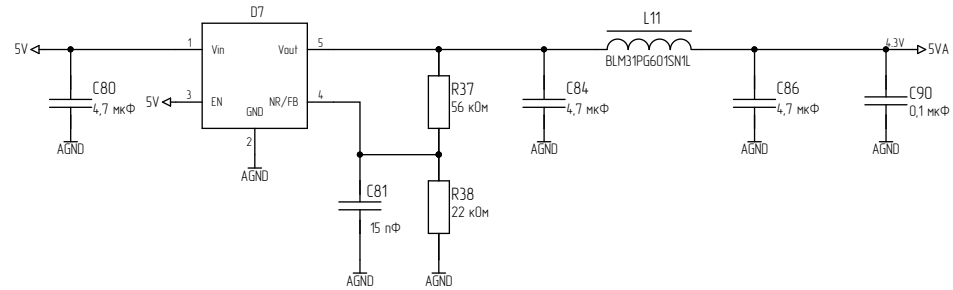
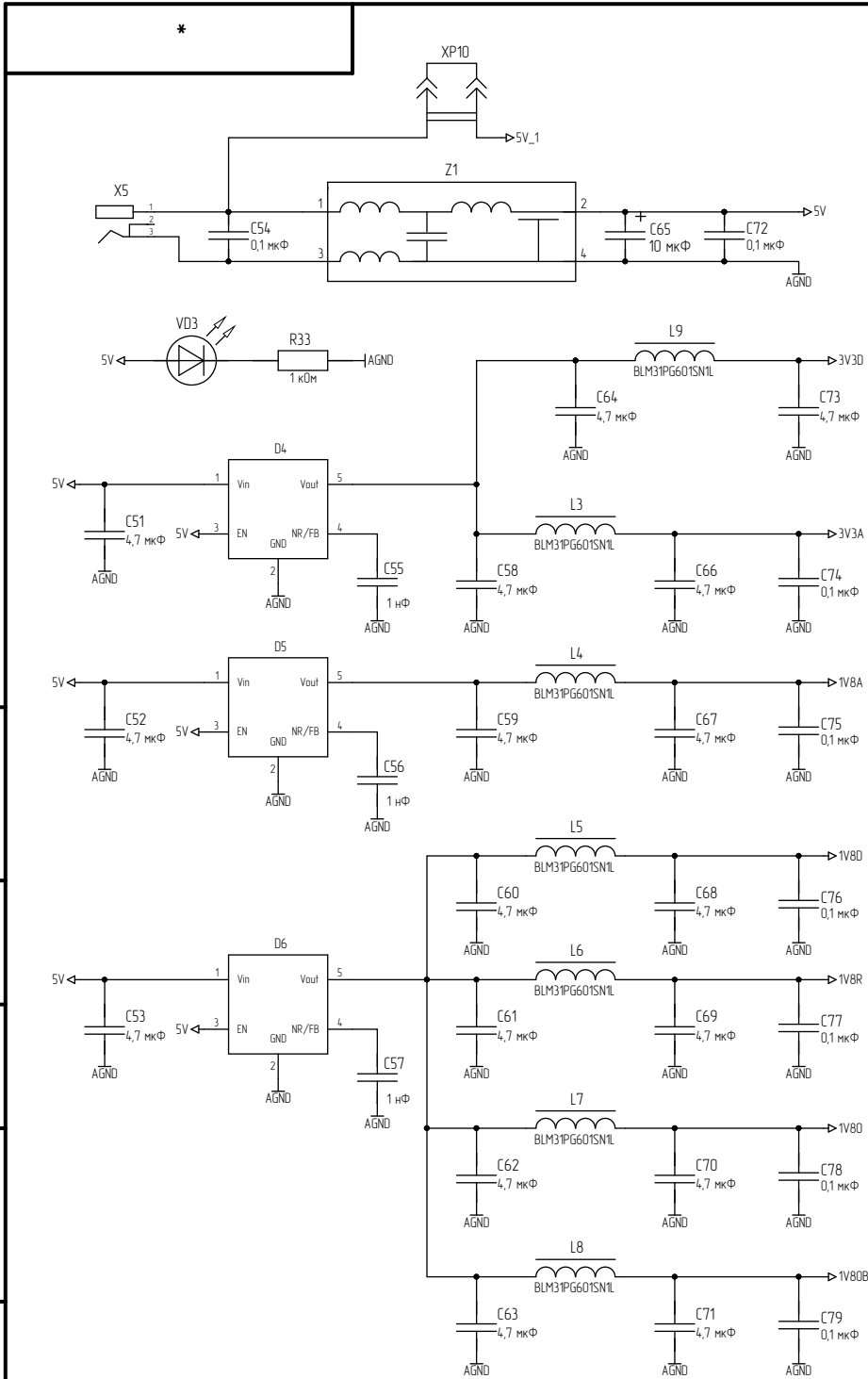
Изм.	Лист	№ докум.	Подп.	Дата
Разраб.				
Проб.				
Т.контр.				
Н.контр.				
Утв.				

Демонстрационная
плата K5101HB015

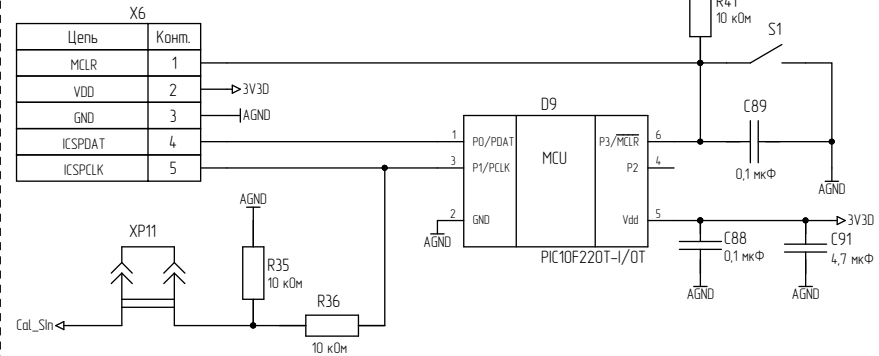
Лист	Масса	Масштаб
1		4

ЗАО "ПКК Миландр"

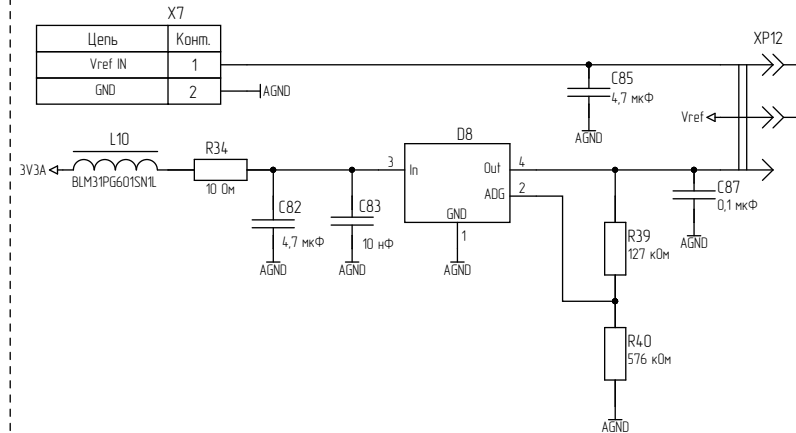




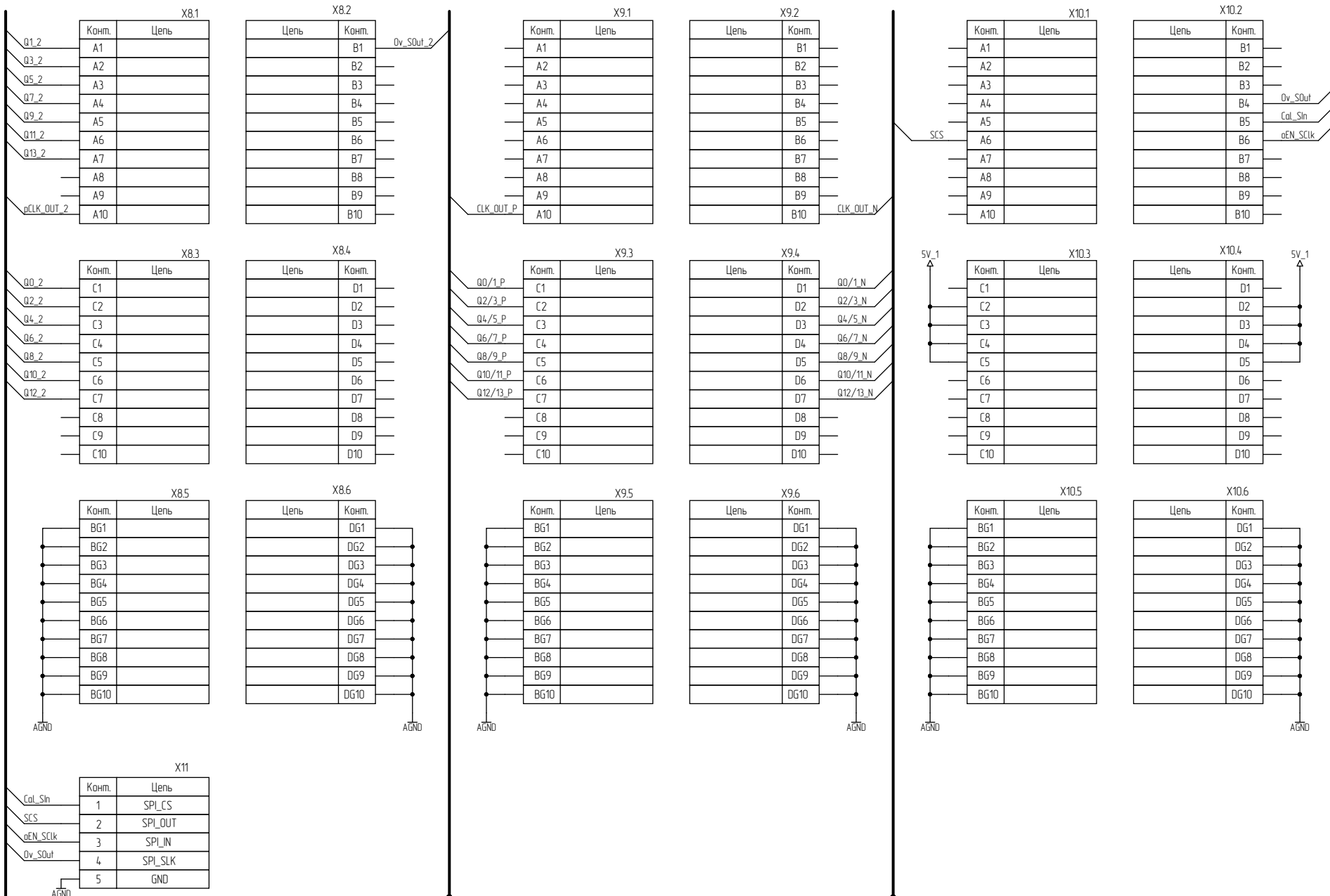
Run Calibration circuitry



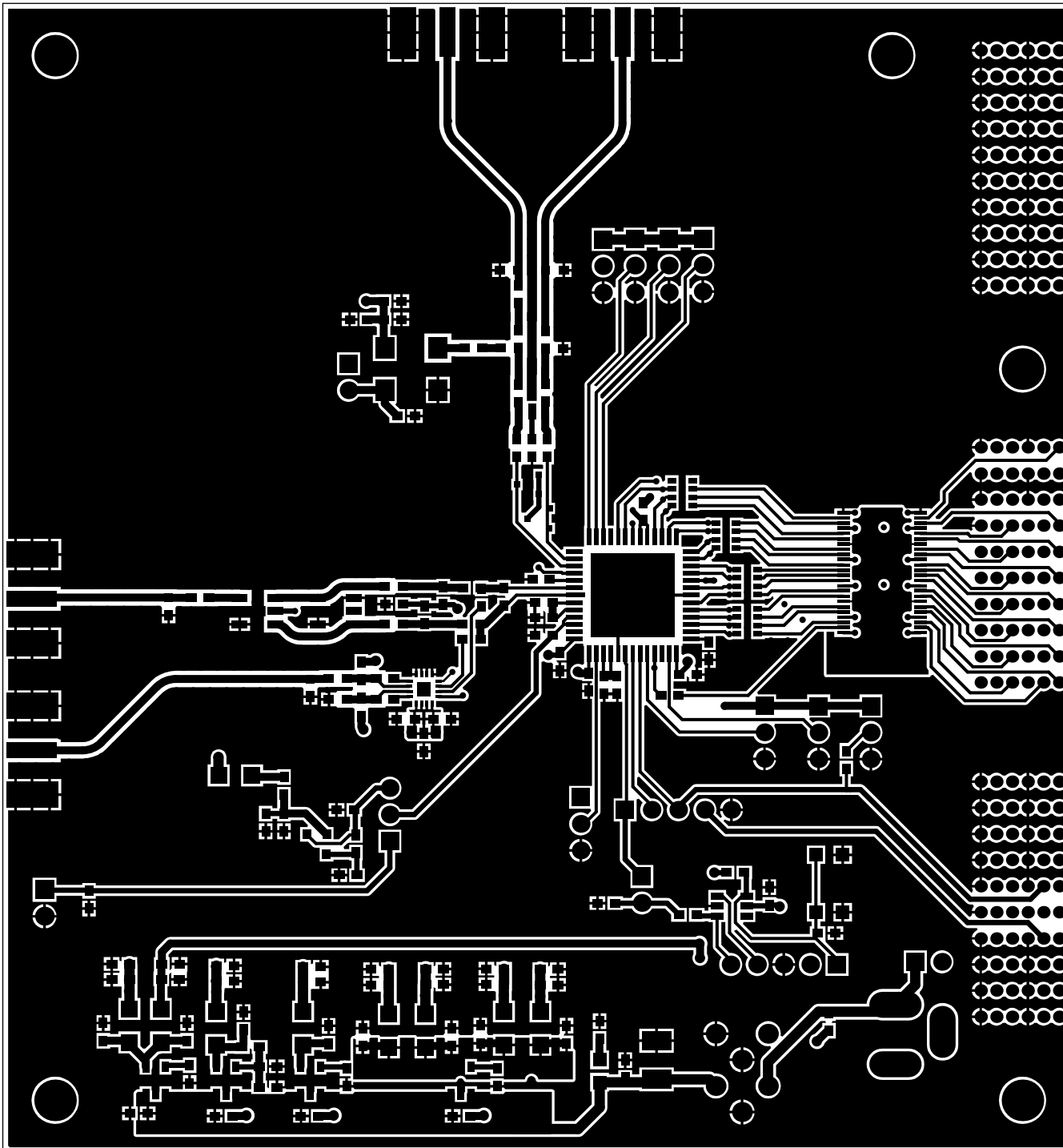
Reference circuitry

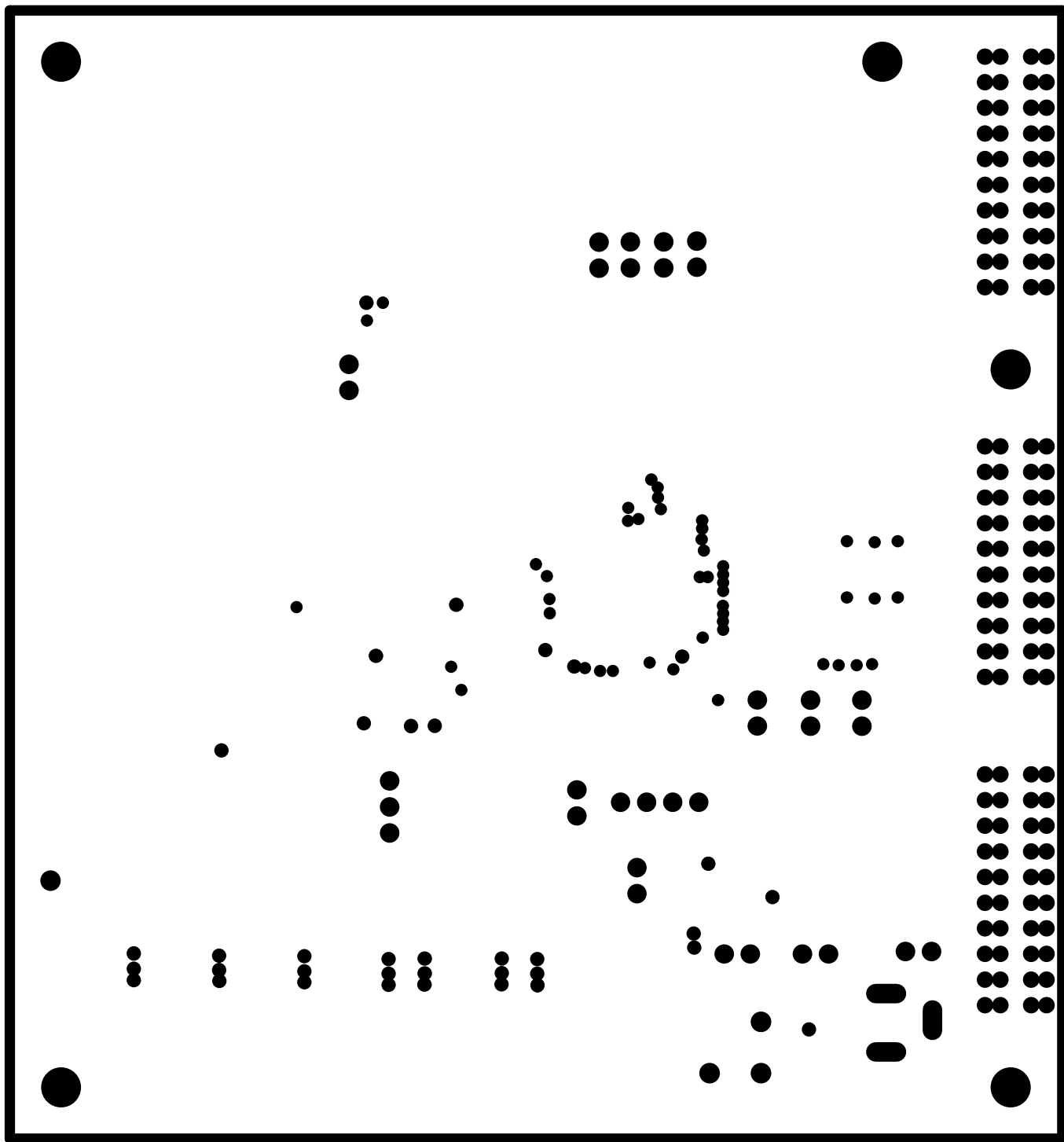


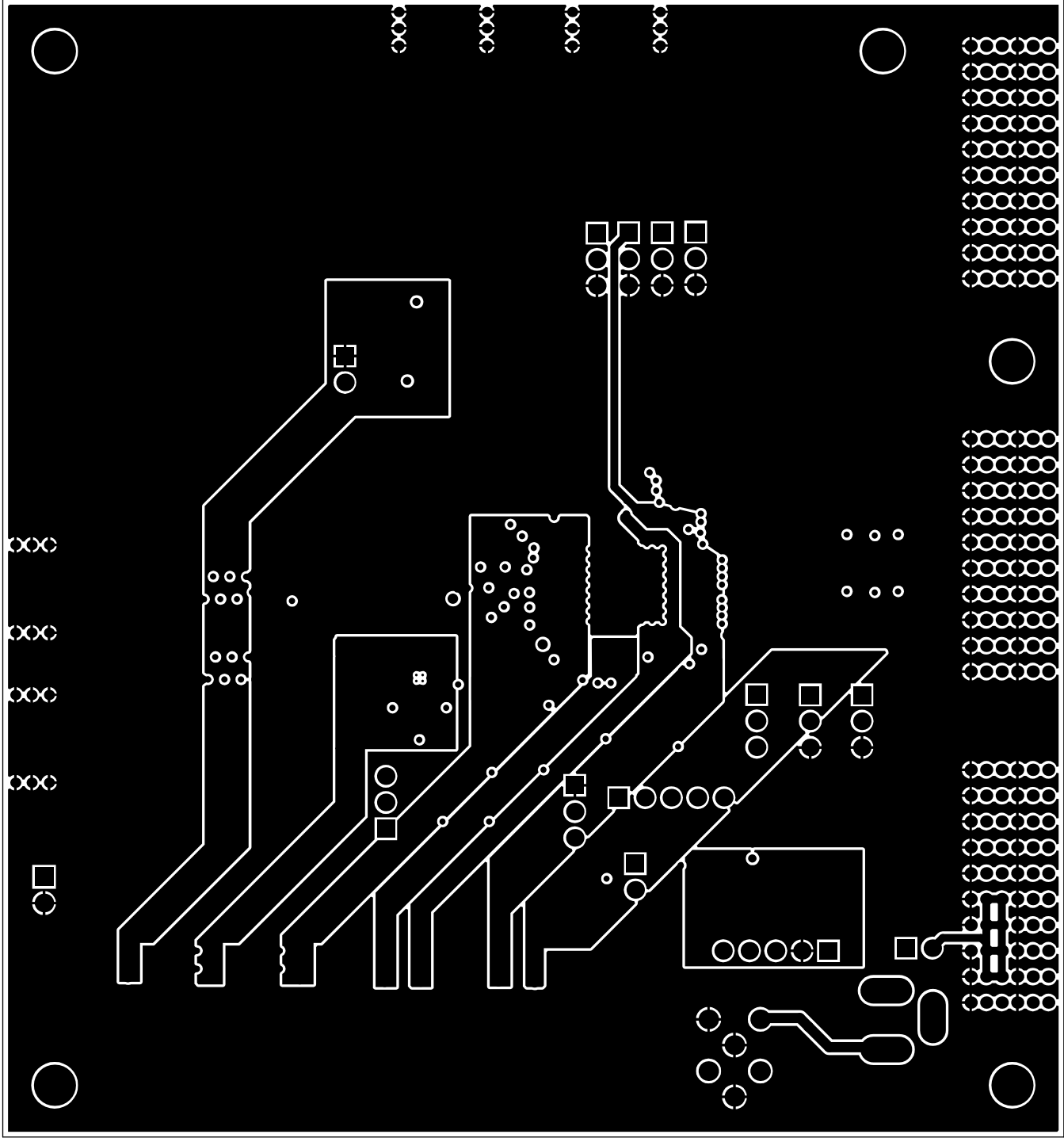
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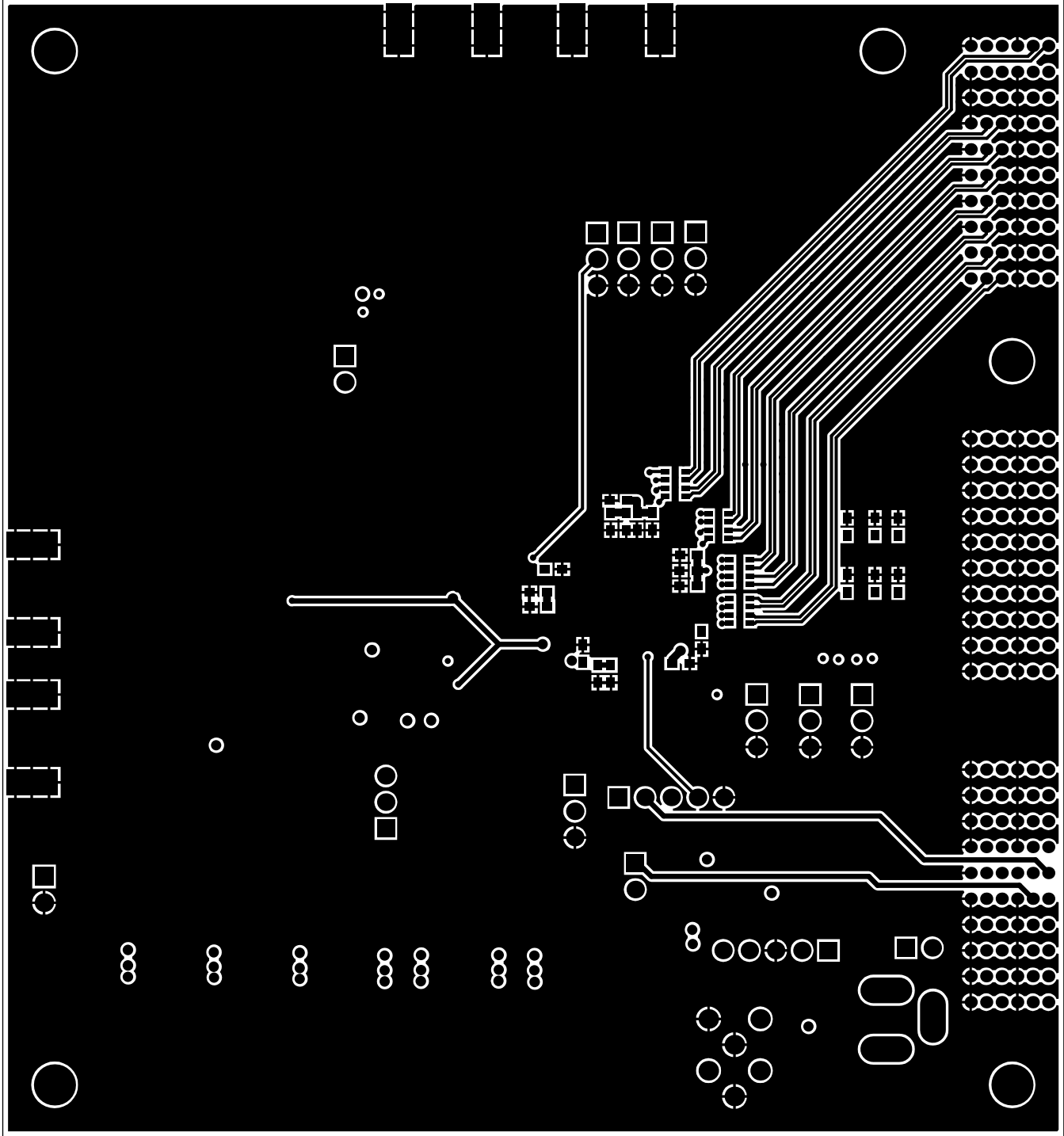


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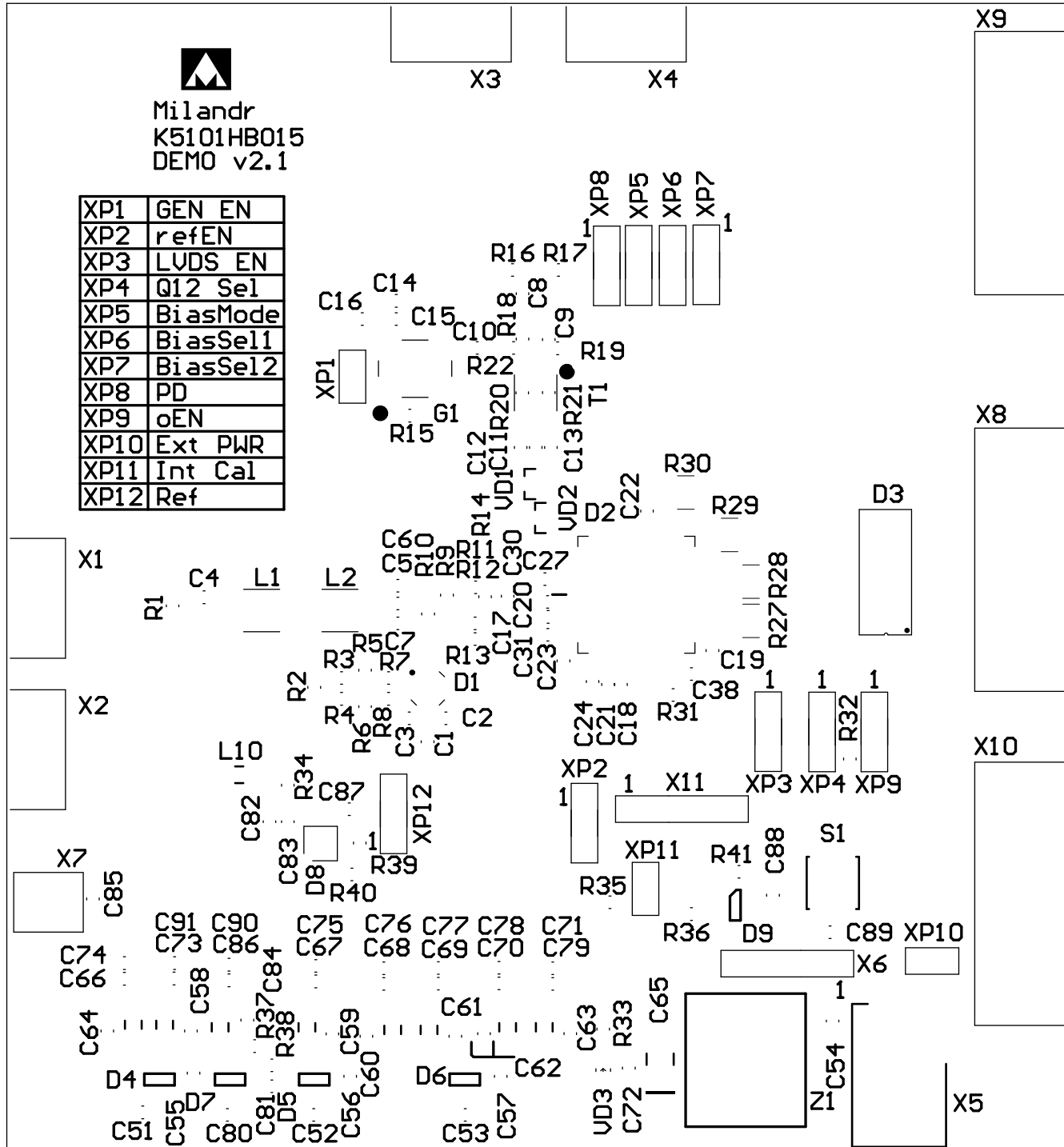




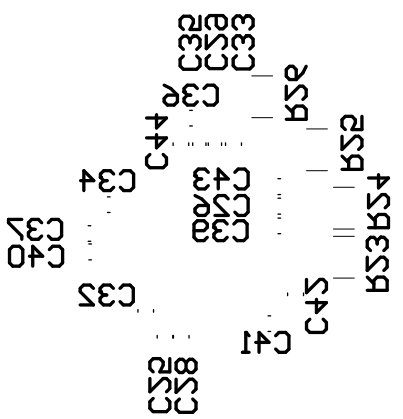


Milandr
K5101HB015
DEMO v2.1

XP1	GEN EN
XP2	refEN
XP3	LVDS EN
XP4	Q12 Sel
XP5	BiasMode
XP6	BiasSel1
XP7	BiasSel2
XP8	PD
XP9	oEN
XP10	Ext PWR
XP11	Int Cal
XP12	Ref



740	:	:	640
840	:	:	060
240	:	:	240



Поз. обозн.	Номинал	Корпус	Кол-во
C1, C14, C43, C48, C50, C51, C52, C53, C58, C59, C60, C61, C62, C63, C64, C66, C67, C68, C69, C70, C71, C73, C80, C82, C84, C85, C86, C91	4,7 мкФ	0603	28
C2, C11, C16, C23, C25, C28, C32, C33, C34, C36, C37, C39, C40, C41, C42, C44, C45, C46, C47, C49, C54, C72, C74, C75, C76, C77, C78, C79, C87, C88, C89, C90	0,1 мкФ	0603	32
C3, C4, C6, C7, C8, C10, C12, C13, C15, C17, C18, C19, C20, C21, C22, C24, C26, C27, C29, C31, C35, C38, C83	10 нФ	0603	23
C5, C9, R1, R13, R14, R18, R20, R21	NC	0603	8
C30, C81	15 пФ	0603	2
C55, C56, C57	1 нФ	0603	3
C65	10 мкФ	TANT_CaseB	1
D1	ADA4930-1	LFCS-16 (CP-16-	1
D2	K5101HB015	5152.52-1 (CLCC5	1
D3	74VCX162244	TSSOP-48	1
D4	TPS73633DBV	SOT23-5	1
D5, D6	TPS73618DBV	SOT23-5	2
D7	TPS73601DBV	SOT23-5	1
D8	MAX6160EUS	SOT143	1
D9	PIC10F220T-I/OT	SOT23-6	1
G1	VCC1-B3B-125M	SMD_7x5.08mm	1
L1, L2	ETC1-1-13TR	ETC1-1-13	2
L3, L4, L5, L6, L7, L8, L9, L10, L11	BLM31PG601SN1L	1206	9
R2	88,7 Ом	0603	1
R3	64,9 Ом	0603	1
R4	95,3 Ом	0603	1
R5, R6	732 Ом	0603	2
R7, R8	309 Ом	0603	2
R9, R10	25 Ом	0603	2
R11, R12	33 Ом	0603	2
R15, R32, R35, R36, R41	10 кОм	0603	5
R16, R17	50 Ом	0603	2
R19	0 Ом	0603	1
R22	100 Ом	0603	1
R23, R24, R25, R26	NC	CAT16	4
R27, R28, R29, R30	CAT16-220J4LF	CAT16	4
R31, R34	10 Ом	0603	2
R33	1 кОм	0603	1
R37	56 кОм	0603	1
R38	22 кОм	0603	1
R39	127 кОм	0603	1
R40	576 кОм	0603	1
S1	7914G-1-000	7914G-1-000	1
T1	TC1-1T+	ETC1-1-13	1
VD1, VD2	HSMS-2812	SOT-23L	2
VD3	LED_0805	0805(2x1.25)	1
X1, X2, X3, X4	SMA-EM	SMA EM	4
X5	DJK-02A	DJK-02A	1
X6, X11	PLS-5	PLS-5	2
X7	TYCO 282834-2	TYCO 282834-2	1
X8, X9, X10	TYCO 6469169-1	Tyco 6469169-1	3
XP1, XP10, XP11	1x2_jump	2pin254	3
XP2, XP3, XP4, XP5, XP6, XP7, XP8, XP9, XP12	1x3_jump	3pin254	9
Z1	BNX002-01	BNX002-01	1