

# CAM9638\_B

LAP R.Beuchat

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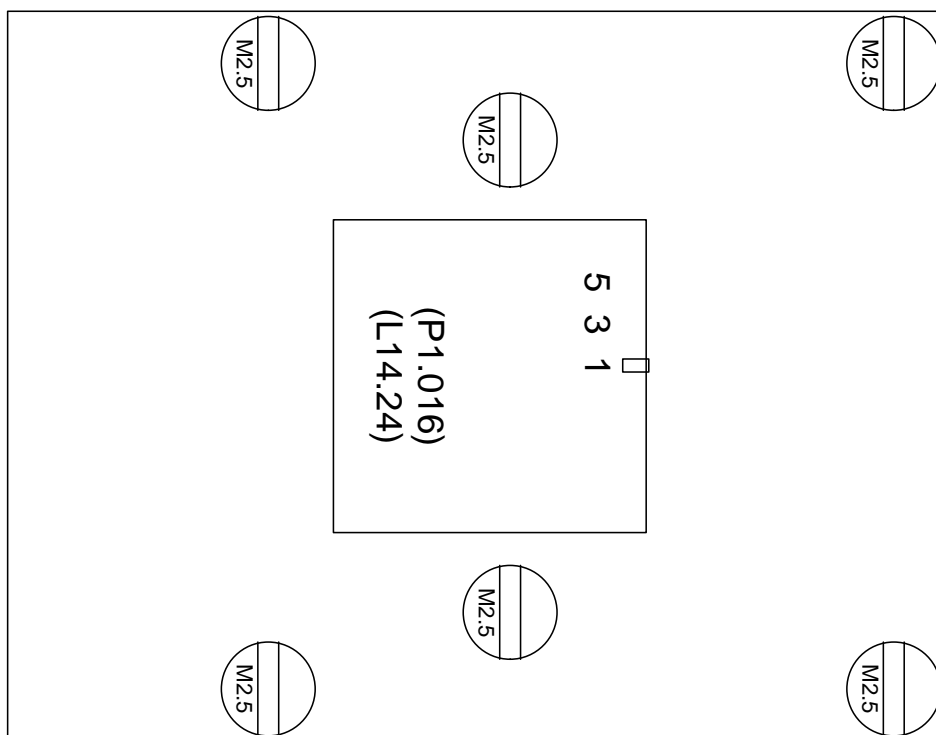
Tue May 6 10:36:55 MET DST 2003

MFG\_DATE: 05.05.2003

QUANTITY: 10

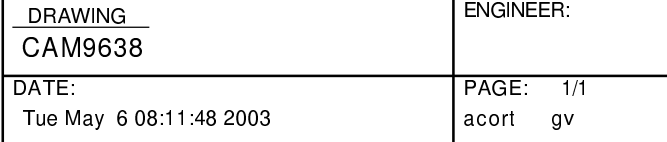
SOLDERMASK: mtop mbot

MATERIAL: FR4 : 1.6 mm



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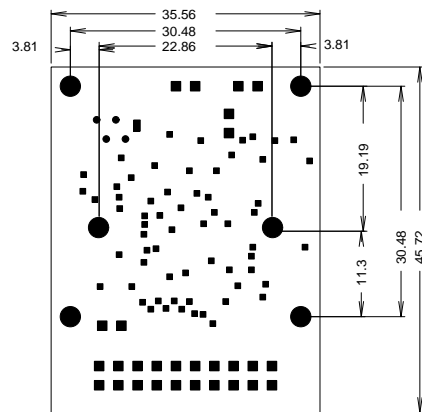


## Signal Page Ref CAM9638\_B

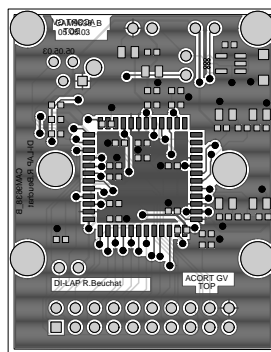
cam9638

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[illegible]



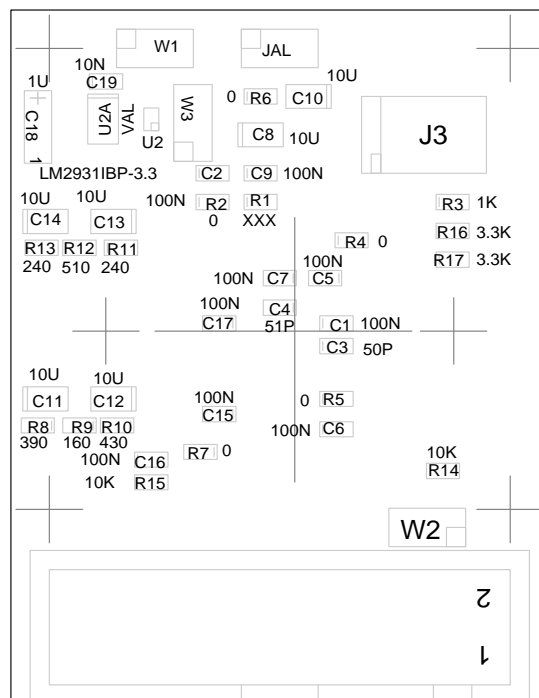
DRILL CHART			
FIGURE	SIZE	PLATED	QTY
■	0.406	PLATED	63
●	0.787	PLATED	4
■	0.889	PLATED	28
■	1.499	PLATED	1
●	2.7	PLATED	6



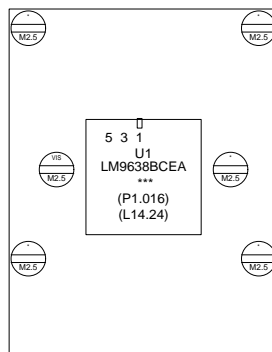
TITRE:CAM9638\_B

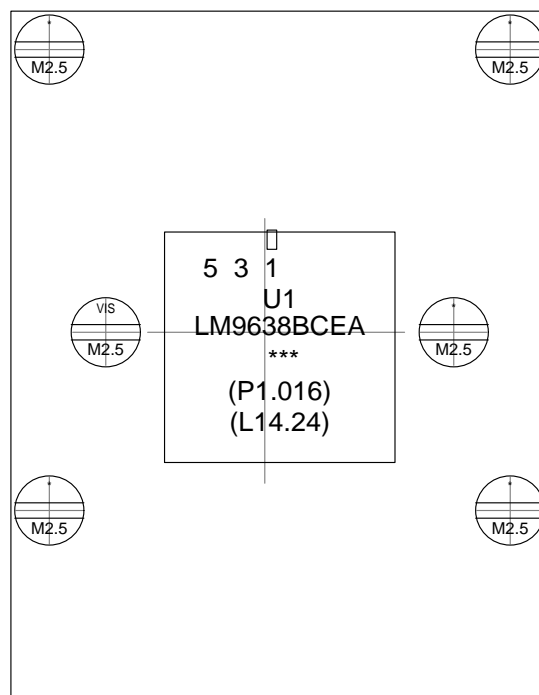
LABORATOIRE:DI-LAP  
ENGINEER:R.Beuchat

DATE:05.05.03  
EPFL-ACORT-GV

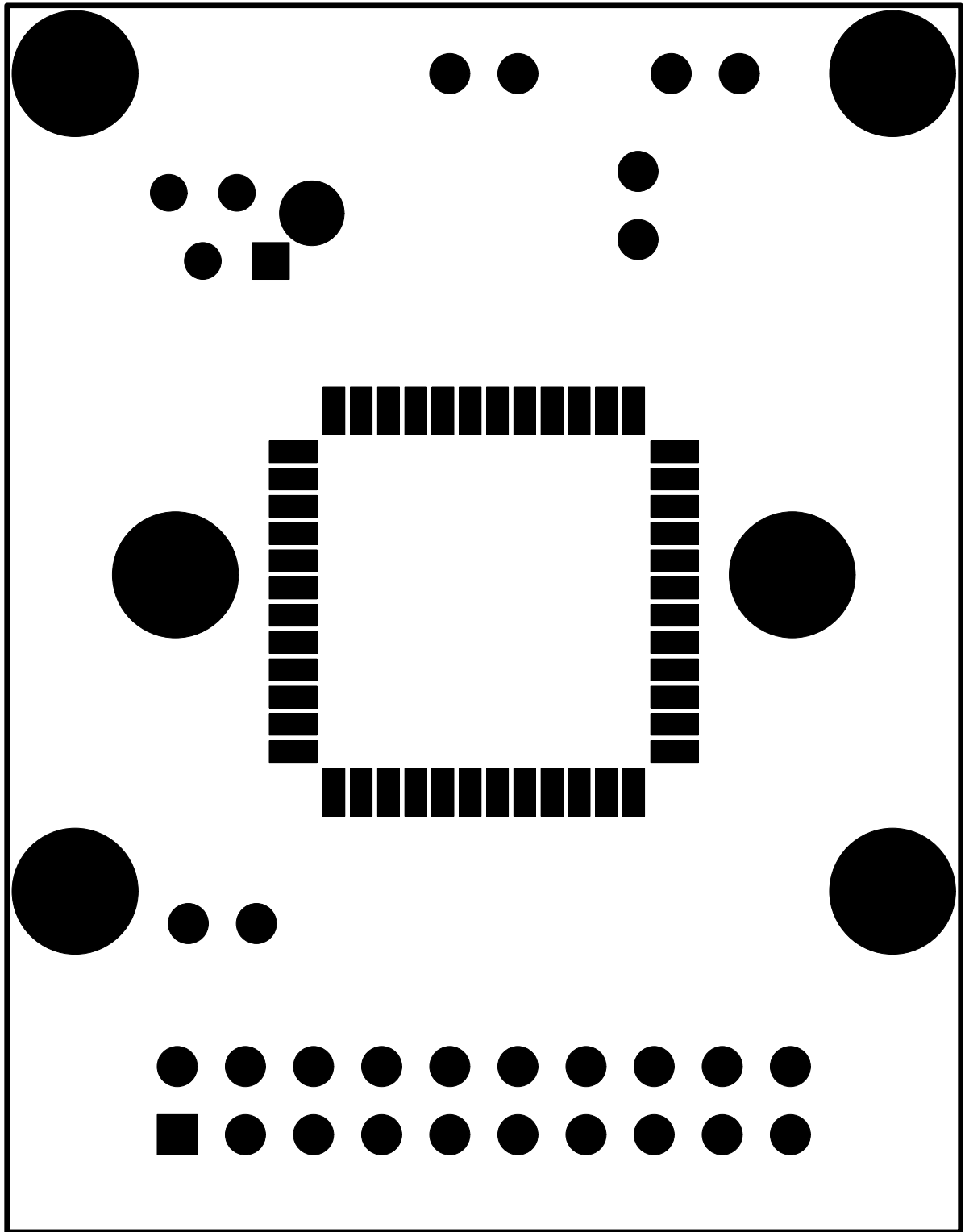


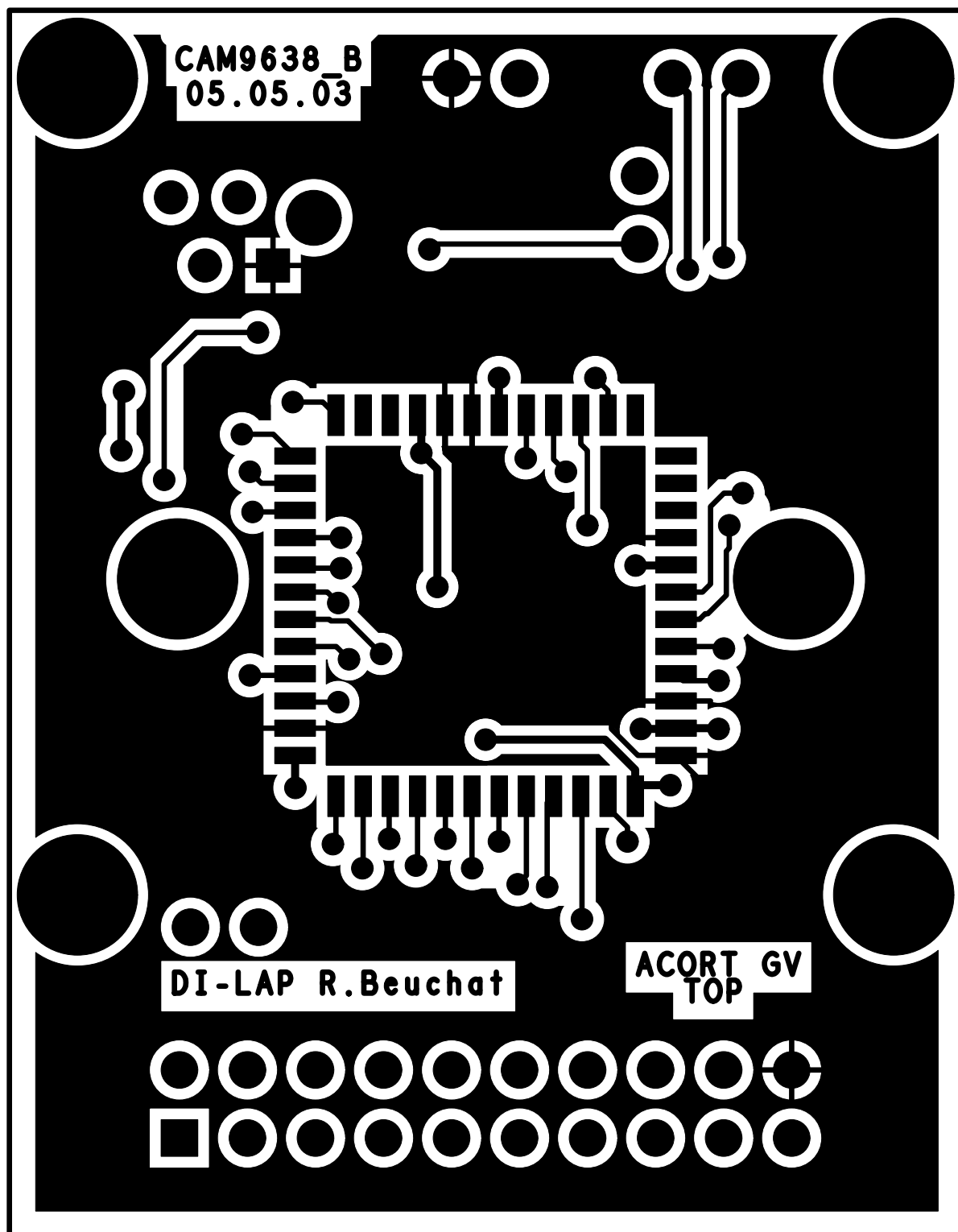
J1 femelle

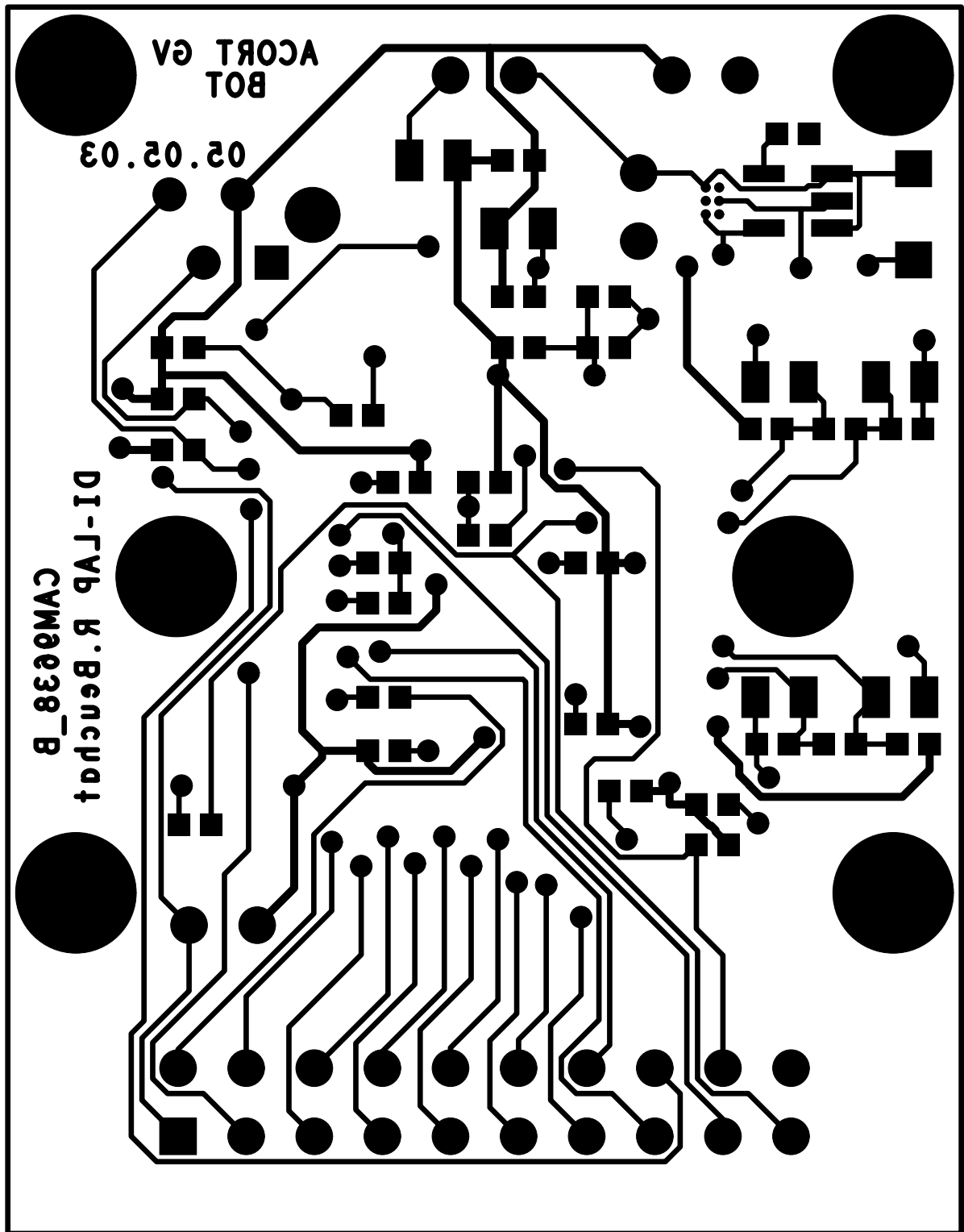


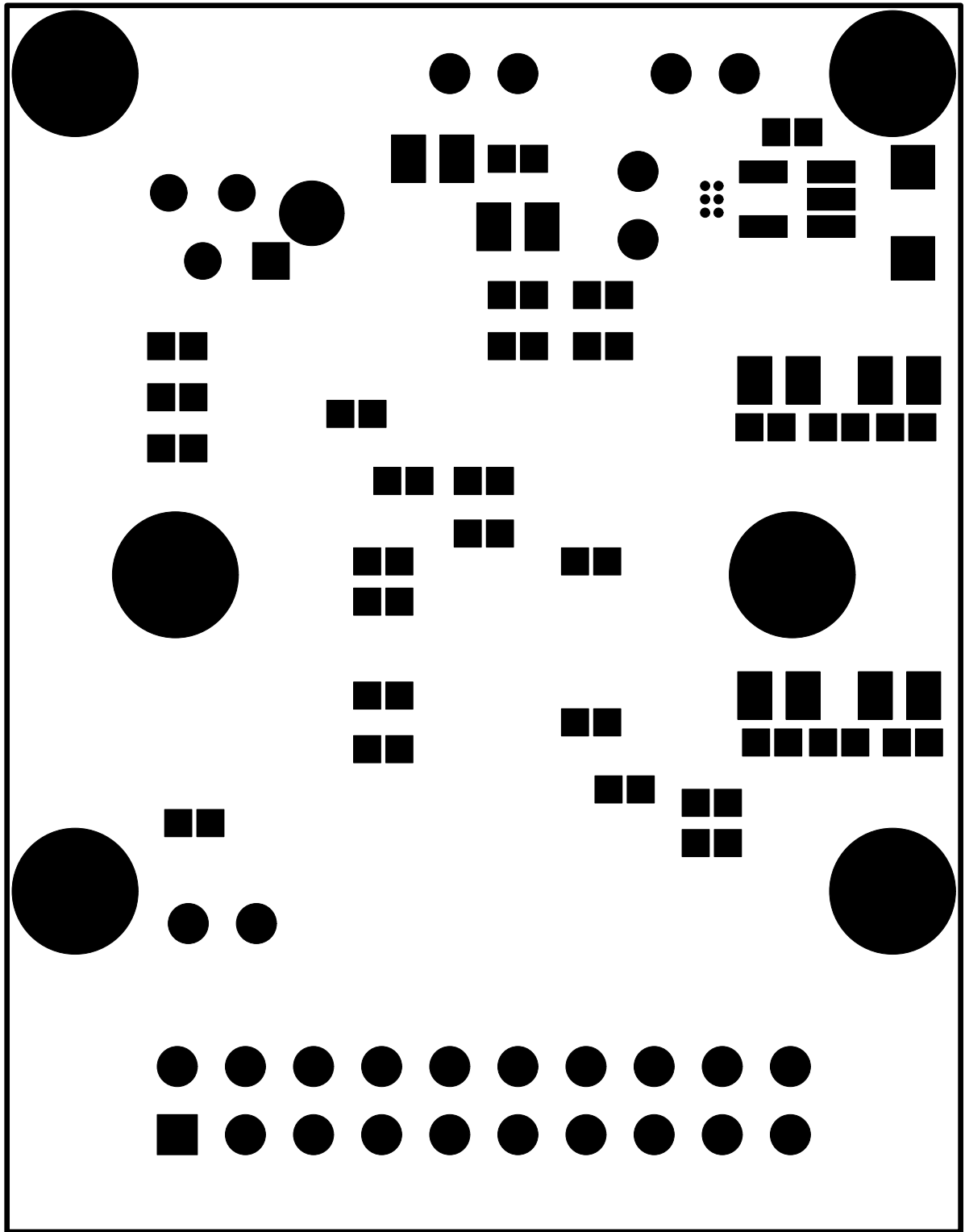












# Component Report CAM9638\_B

cam9638\_gloss

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Ref Des	Device Type	Value	Package Type	x	y	ang	Mir	Remark
C1	0603	100N	0603_G	-3.750	1.500	270.000	YES	
C2	0603	100N	0603_G	4.445	11.430	270.000	YES	
C3	0603	50P	0603_G	-3.750	0.000	270.000	YES	
C4	0603	51P	0603_G	0.000	2.540	90.000	YES	
C5	0603	100N	0603_G	-3.000	4.500	90.000	YES	
C6	0603	100N	0603_G	-3.750	-5.500	270.000	YES	
C7	0603	100N	0603_G	0.000	4.500	90.000	YES	
C8	0805	10U	0805_G	1.270	13.970	270.000	YES	
C9	0603	100N	0603_G	1.270	11.430	270.000	YES	
C10	0805	10U	0805_G	-1.905	16.510	90.000	YES	
C11	0805	10U	0805_G	15.500	-3.500	270.000	YES	
C12	0805	10U	0805_G	11.000	-3.500	90.000	YES	
C13	0805	10U	0805_G	11.000	8.250	90.000	YES	
C14	0805	10U	0805_G	15.500	8.250	270.000	YES	
C15	0603	100N	0603_G	4.000	-4.500	90.000	YES	
C16	0603	100N	0603_G	8.500	-7.500	270.000	YES	
C17	0603	100N	0603_G	4.000	1.500	90.000	YES	
C18	CP	1U	CP_1206	16.000	14.500	180.000	YES	
C19	0603	10N	0603_G	11.500	17.500	270.000	YES	
J1	CO20		CPFDCI20	-11.430	-17.330	180.000	YES	
J3	CO4		MM4	-7.938	12.700	0.000	YES	
JAL	CO2		JUMP2	1.270	19.685	90.000	YES	
R1	R	XXX	0603_G	1.270	9.525	270.000	YES	
R2	R	0	0603_G	4.445	9.525	270.000	YES	
R3	R	1K	0603_G	-11.430	9.525	270.000	YES	
R4	R	0	0603_G	-4.750	7.000	270.000	YES	
R5	R	0	0603_G	-3.750	-3.500	270.000	YES	
R6	R	0	0603_G	1.270	16.510	270.000	YES	
R7	R	0	0603_G	5.250	-7.000	90.000	YES	
R8	R	390	0603_G	16.000	-5.250	90.000	YES	
R9	R	160	0603_G	13.250	-5.250	90.000	YES	
R10	R	430	0603_G	10.750	-5.250	90.000	YES	
R11	R	240	0603_G	10.500	6.500	270.000	YES	
R12	R	510	0603_G	13.250	6.500	270.000	YES	
R13	R	240	0603_G	15.750	6.500	270.000	YES	
R14	R	10K	0603_G	-10.795	-8.255	90.000	YES	
R15	R	10K	0603_G	8.500	-9.000	270.000	YES	
R16	R	3.3K	0603_G	-11.430	7.620	270.000	YES	
R17	R	3.3K	0603_G	-11.430	5.715	270.000	YES	
U1	LM9638BCEA		LCLCC48	0.000	0.000	0.000	NO	
U2	LM2931IBP		MICRO6	8.500	15.000	180.000	YES	
U2A	CO5_1A		SOT23_5	11.687	15.000	0.000	YES	
W1	JUMP2		JUMP2	9.525	19.685	90.000	YES	
W2	JUMP2		JUMP2	-11.020	-12.000	270.000	YES	
W3	JUMP2		JUMP2	5.750	13.500	0.000	YES	

Total Component count 45

# BOM Report CAM9638\_B

cam9638\_gloss

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Device	Package	Value	Nb	Reference Designators					Remark
0603-1-100N	0603_G	100N	9	C1 C9	C2 C15	C5 C16	C6 C17	C7	
0603-1-10N	0603_G	10N	1	C19					
0603-1-50P	0603_G	50P	1	C3					
0603-1-51P	0603_G	51P	1	C4					
0805-1-10U	0805_G	10U	6	C8 C14	C10	C11	C12	C13	
CO2-3	JUMP2		1	JAL					
CO20-17	CPFDCI20		1	J1					
CO4-14	MM4		1	J3					
CO5_1A	SOT23_5		1	U2A					
CP-16VSMD1UF-TAJ-1U	CP_1206	1U	1	C18					
JUMP2-0	JUMP2		3	W1	W2	W3			
LM2931IBP-3.3	MICRO6		1	U2					
LM9638BCEA	LCLCC48		1	U1					
R-23-0	0603_G	0	5	R2	R4	R5	R6	R7	
R-23-10K	0603_G	10K	2	R14	R15				
R-23-160	0603_G	160	1	R9					
R-23-1K	0603_G	1K	1	R3					
R-23-240	0603_G	240	2	R11	R13				
R-23-3.3K	0603_G	3.3K	2	R16	R17				
R-23-390	0603_G	390	1	R8					
R-23-430	0603_G	430	1	R10					
R-23-510	0603_G	510	1	R12					
R-23-XXX	0603_G	XXX	1	R1					

Total Component count 45

# NC Pins Report CAM9638\_B

cam9638\_gloss

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Ref Des	Device	Nb	Not Connected Pins							Remark
C19	0603-1-10N	1	1							
U1	LM9638BCEA	6	4	5	40	41	42	43		

Total count 7

# Power Pins Report CAM9638\_B

cam9638\_gloss

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Ref Des	Device	Name	Power Pins						Remark
U1	LM9638BCEA	GND	1	2	17	31	33	39	
		VCC	3	18	30				
		VCCA	32	38	48				
U2	LM2931IBP-3.3	GND	B2						

Total count 2



# Single Node Nets Report CAM9638\_B

cam9638\_gloss

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Netname

Node

Device

Remark

Total Nets count 0