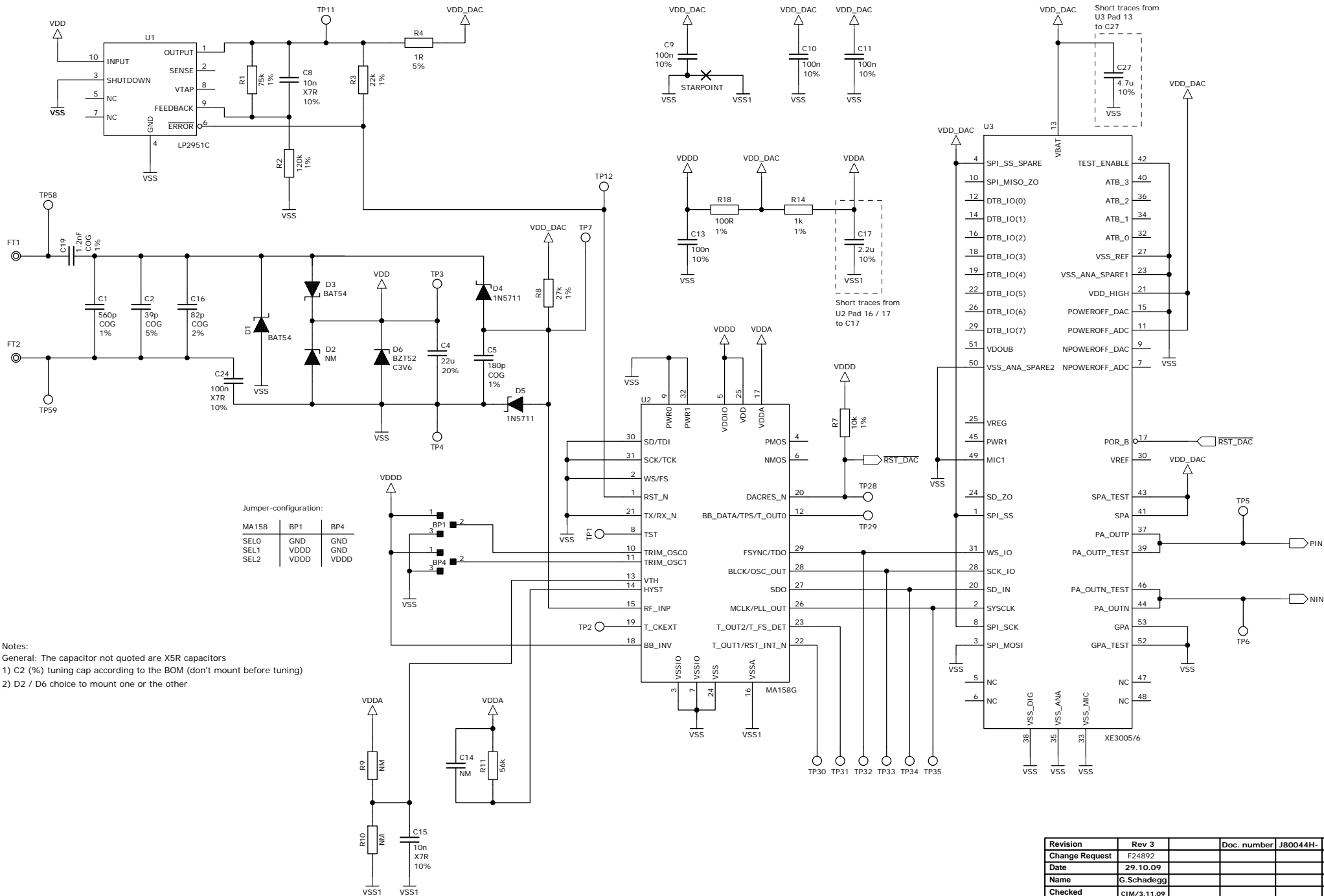
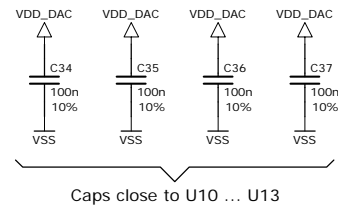
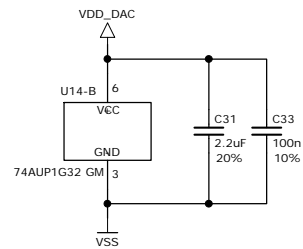
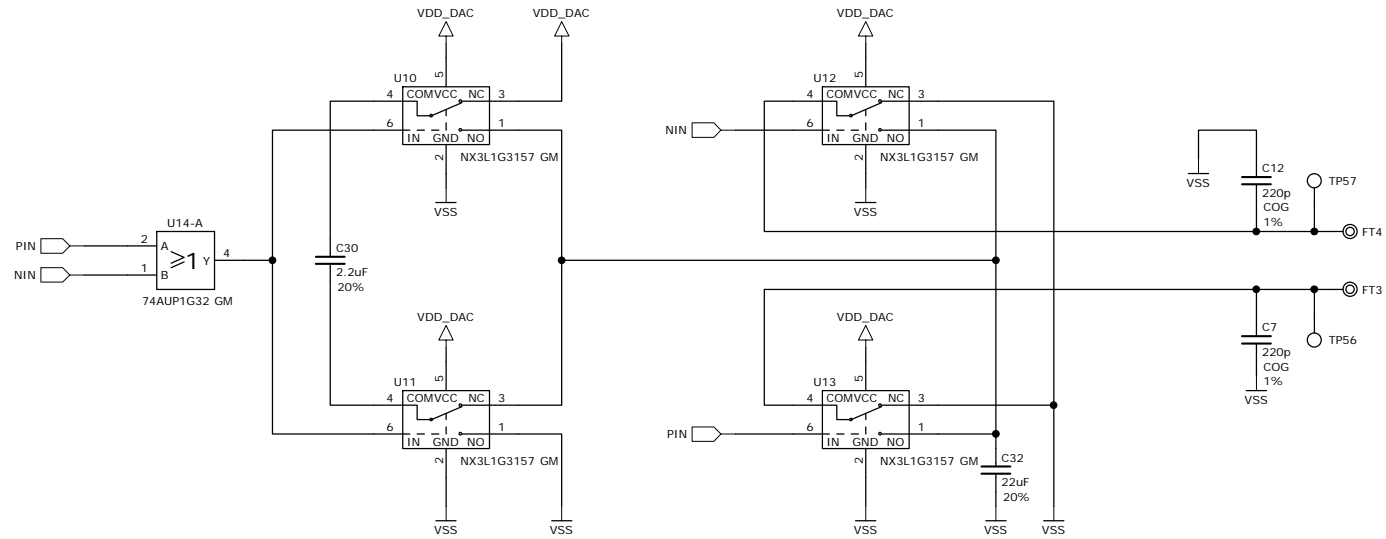



Notes:  
General: The capacitor not quoted are X5R capacitors  
\* 1) C210 may be finetuned in production  
\* 2) R5 and C6 are required for trimming of the non-overlapping time of PMOS/NMOS.  
R5 must be as large as possible, and C6 as small as possible, yet accurate (for reducing power consumption)

Revision	Rev 5				
Change Request	F24819				
Date	12.10.2009				
Name	G.Schadegg				
Checked	CIM/16.10.09				
Title: J80041H Button Hybrid Schematic		Scale	1:1		
Project: DACS PI		Drawn: U. Weidmann	Size: A4		
PAI		Rte de Denges 28E CH 1027-Lonay	Sheet: 1/1		



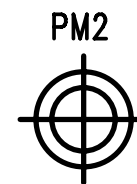
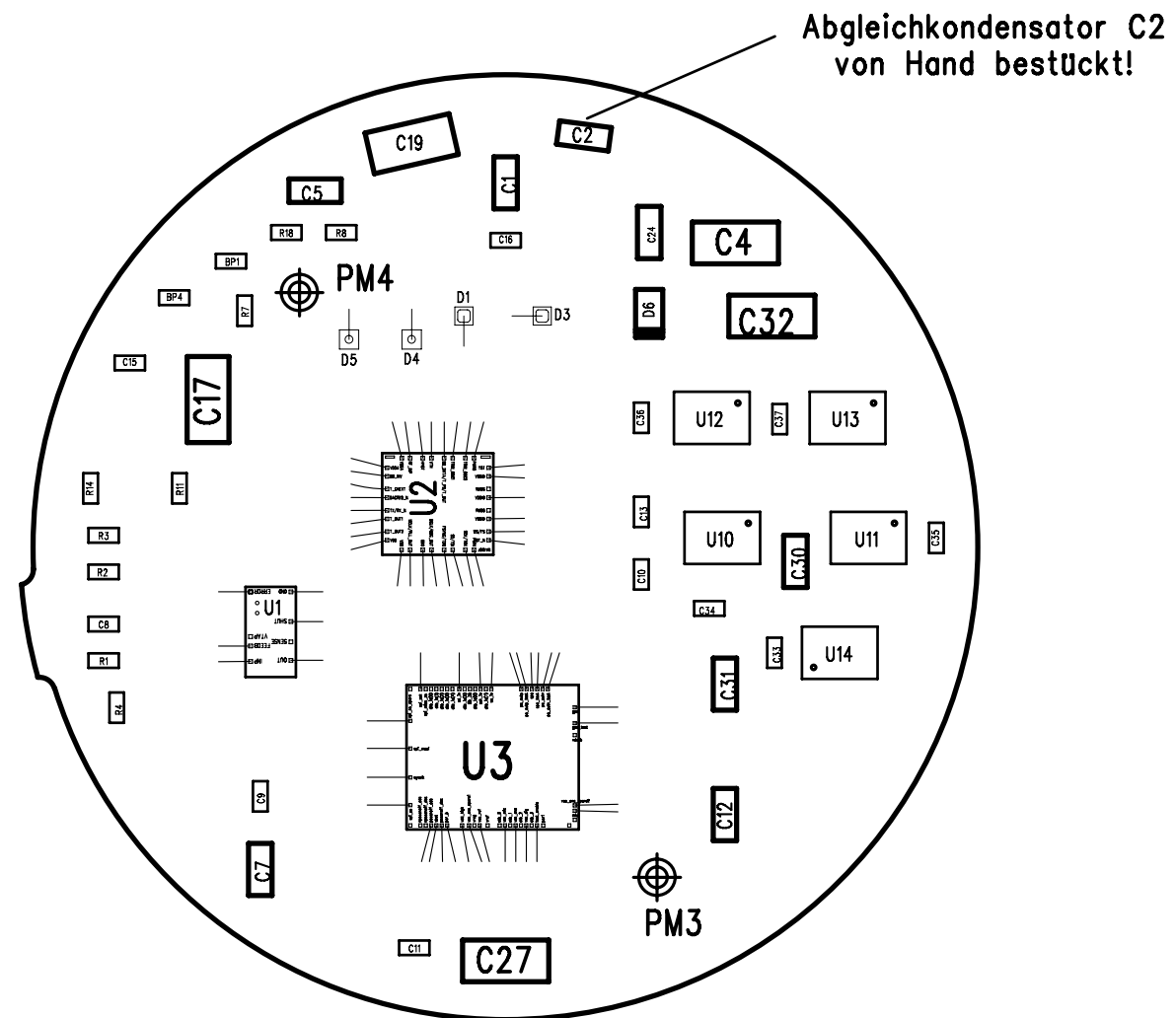
Revision	Rev 3	Doc. number	J80044H-
Change Request	F24892		
Date	29.10.09		
Name	G.Schadegg		
Checked	CIM/3.11.09		
Title: <b>Schema</b>			
Project: <b>DACS-PI</b>		Drawn: <b>U. Weidmann</b>	
Scale		-/-	
Size:		A3	
Sheet:		1/2	



Revision	Rev 3		Doc. number	J80044H-	
Change Request	F24892				
Date	29.10.09				
Name	G.Schadegg				
Checked	CIM/3.11.09				
Title: <b>Schema</b>				Scale	-/-
Project: <b>DACS-PI</b>		Drawn: <b>U. Weidmann</b>		Size:	<b>A3</b>
		Rte de Denges 28E CH 1027-Lonay		Sheet:	<b>2/2</b>




PM1

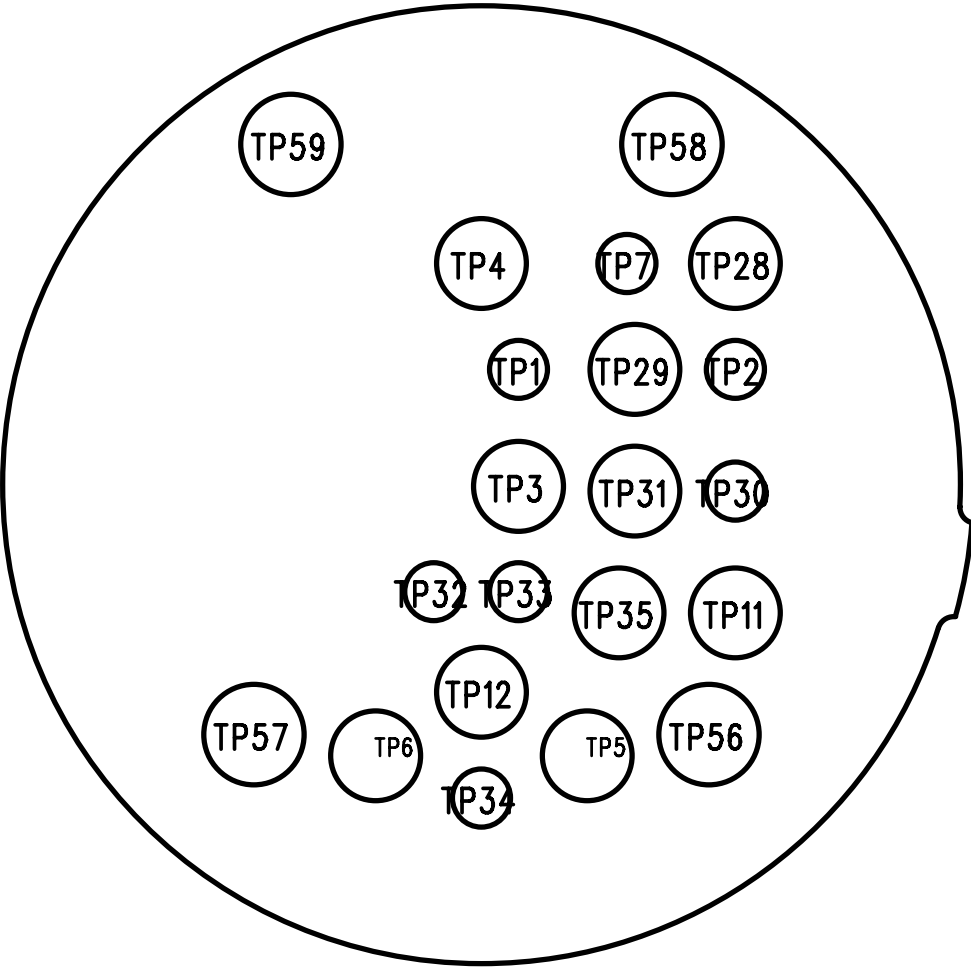



PM2

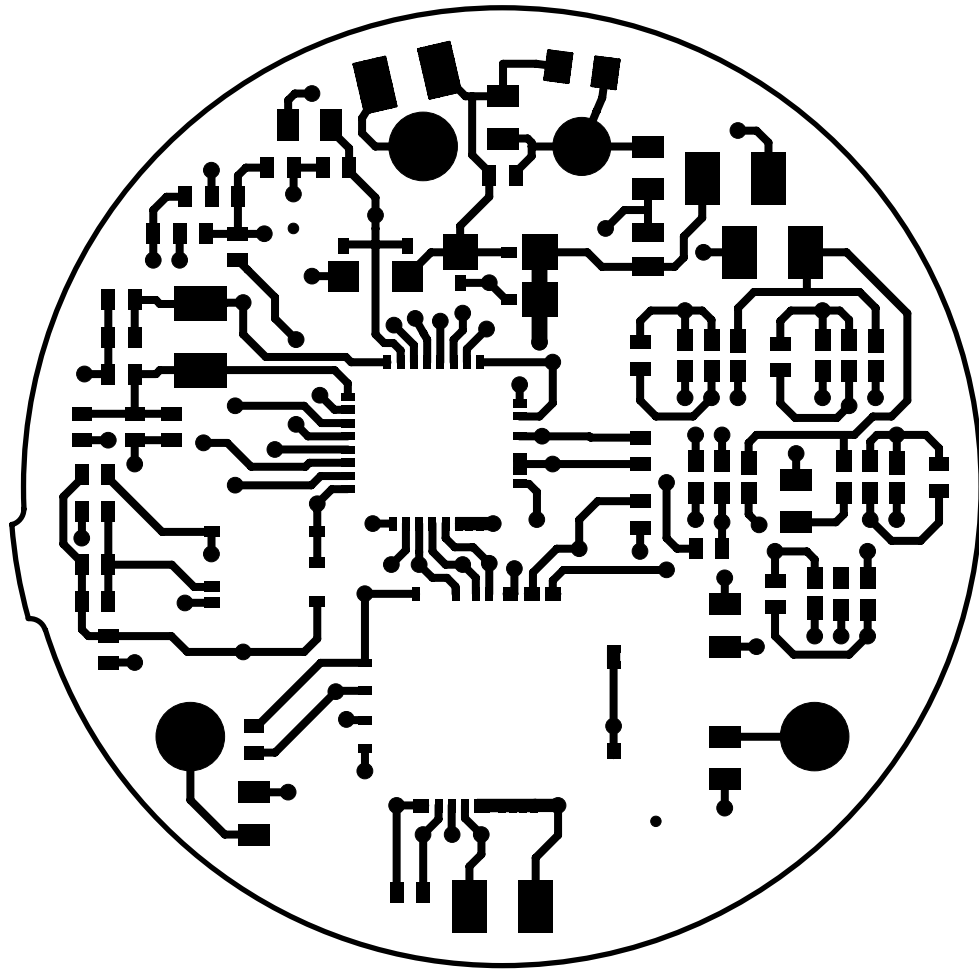
**ACHTUNG: Jumpervarianten beachten (siehe nächste Seite)!**




Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Bestückung TOP					Scale: 7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
 MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 1/1

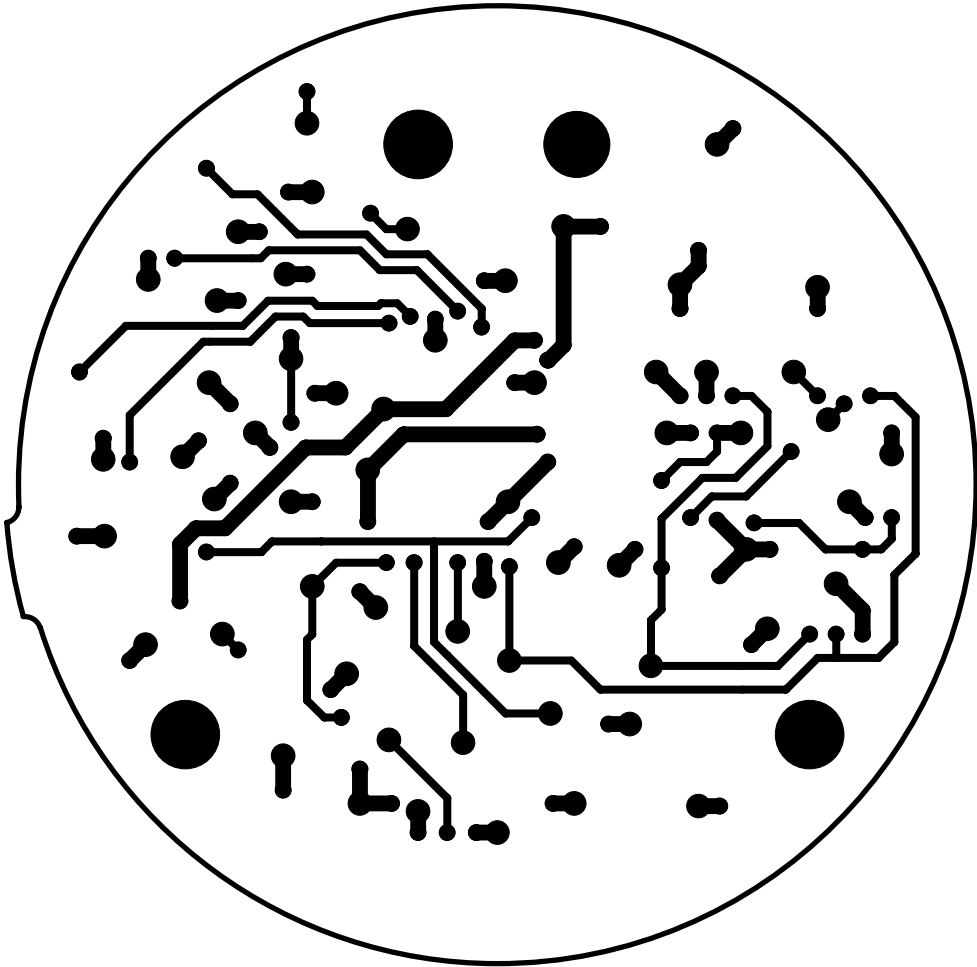


Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Bestückung BOTTOM					Scale: 7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
 MICRODUL					Sheet: 1/1
		Grubenstrasse 9 CH-8045 Zürich			




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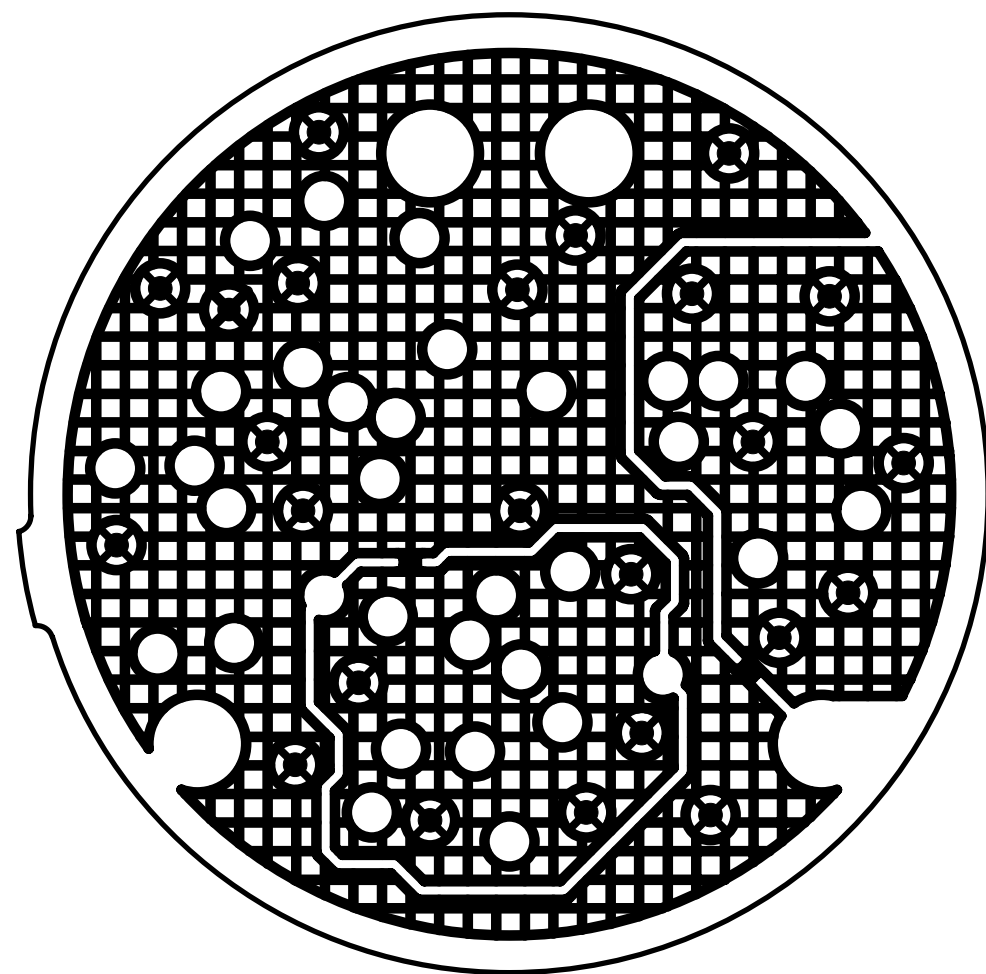
Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Layout TOP					Scale: 7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
		Grubenstrasse 9 CH-8045 Zürich			Sheet: 1/1




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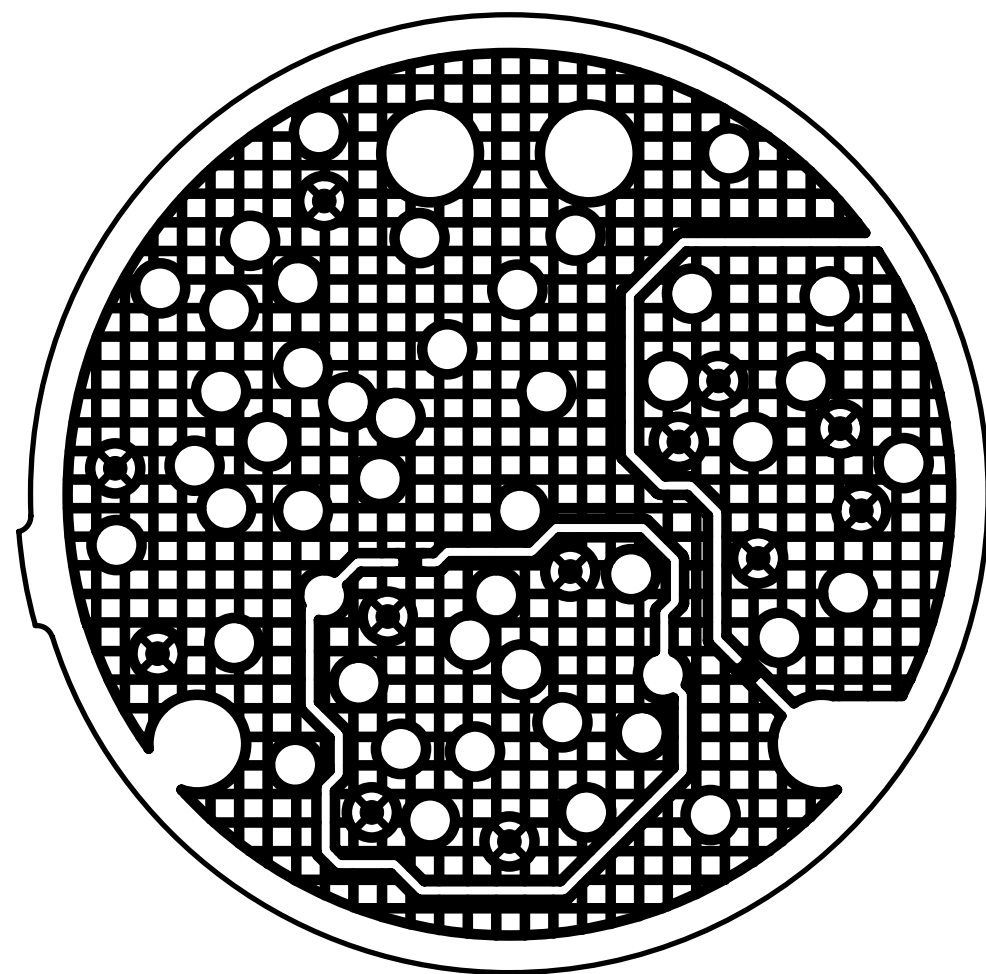
Project: DACS PI  
U22350J- eTrafo Implant Hybrid PCB Layout  
Change Control: F24468; Issue 1  
Approved/Date: CIM/4.6.09


Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Layout Layer 2					Scale: 7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
 MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 1/1

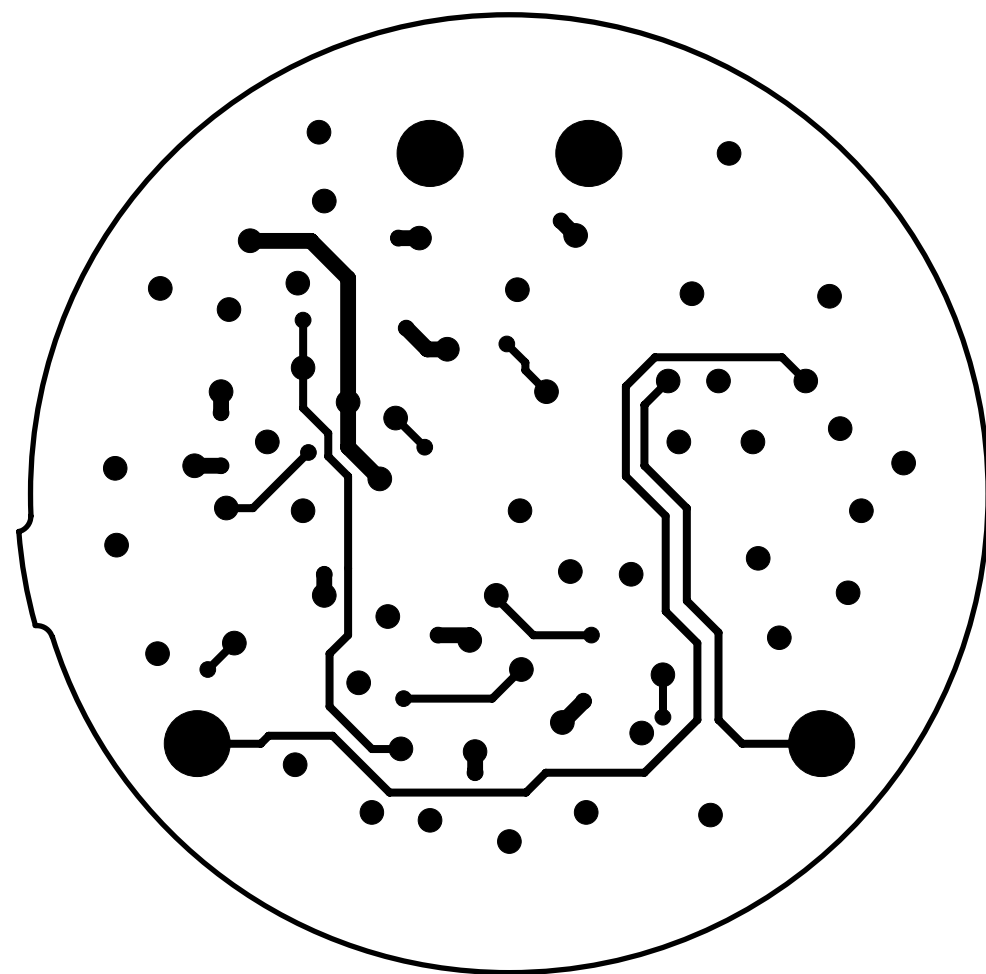



Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Layout Layer 3 (VSS)					Scale: 7:
Project: M3903		Drawn: U. Weidmann			Size: A
 MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 1/

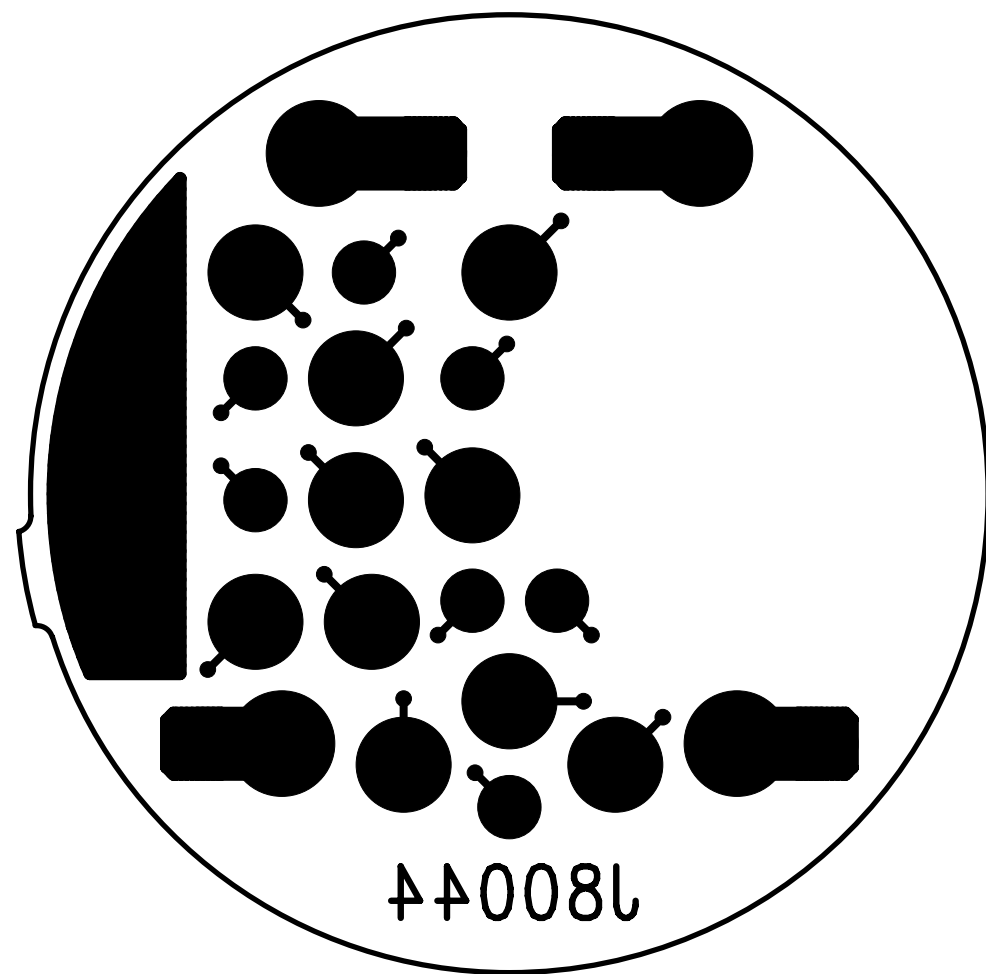





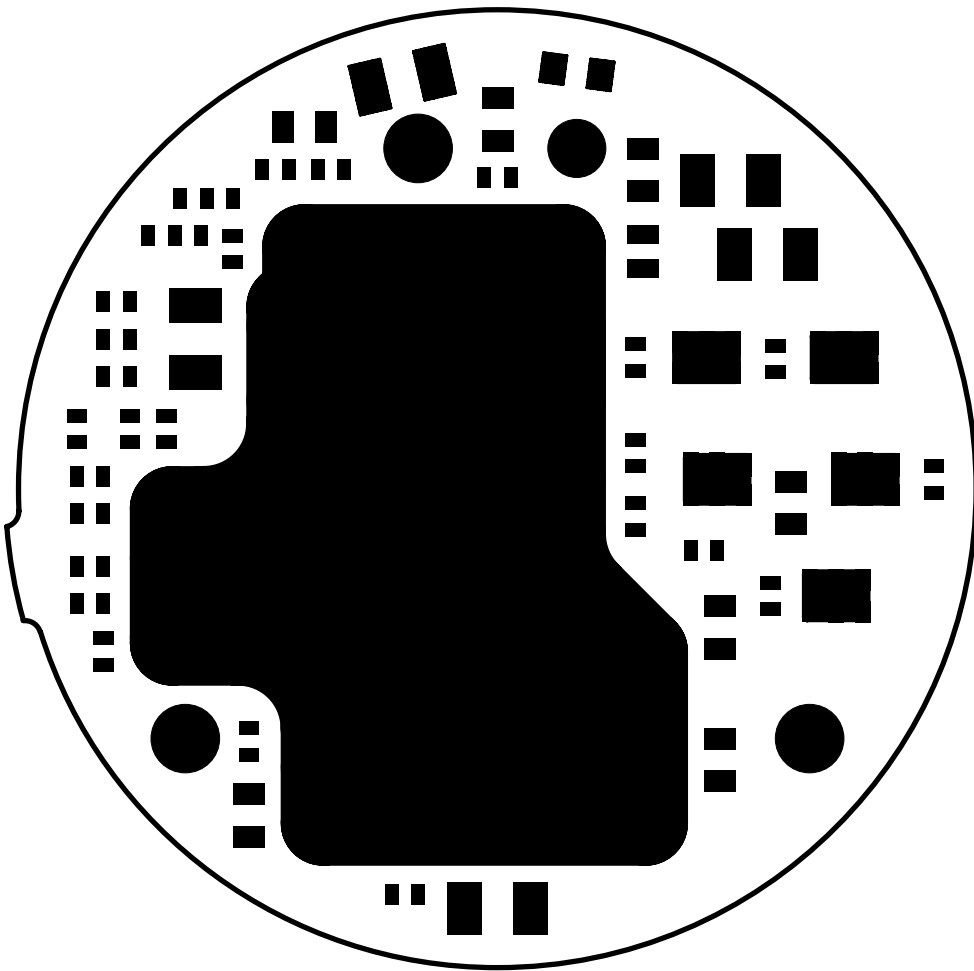
Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Layout Layer 4 (VDD_DAC)					Scale: 7:
Project: M3903		Drawn: U. Weidmann			Size: A
 MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 1/




Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Layout Layer 5					Scale: 7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
 MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 1/1

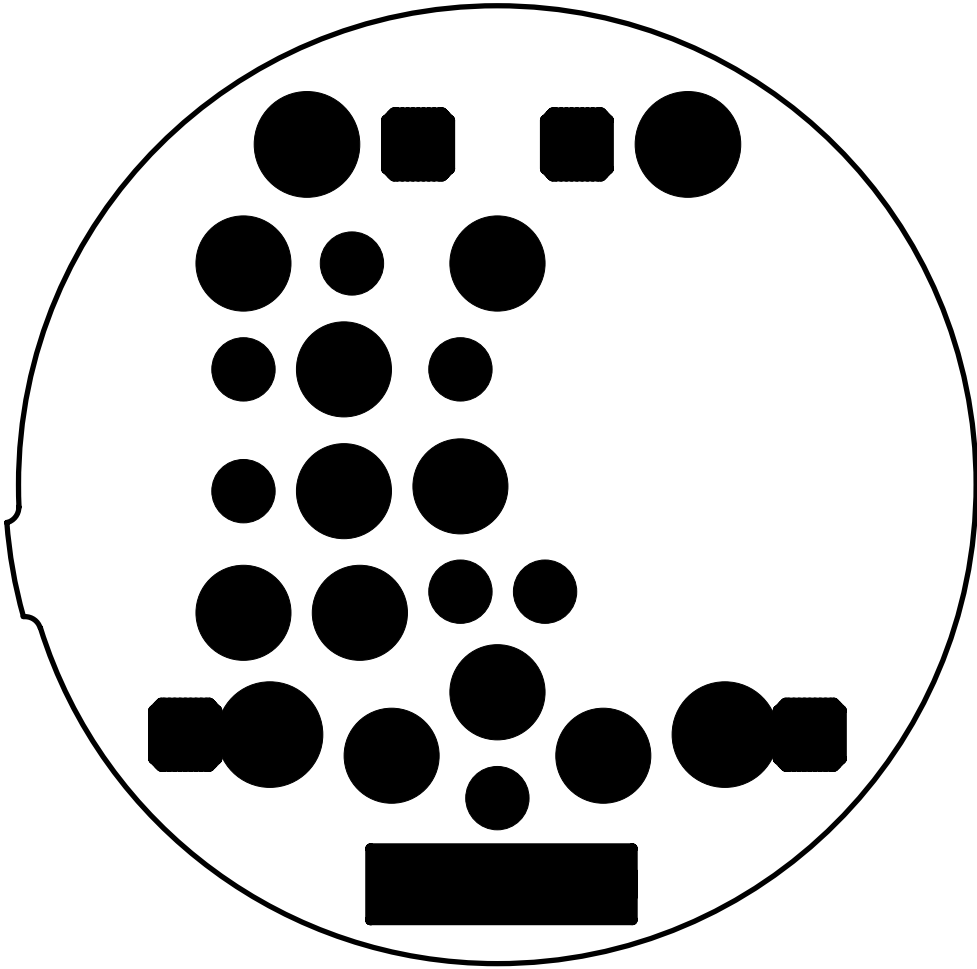


Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Layout BOTTOM					Scale: 7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
 MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 1/1




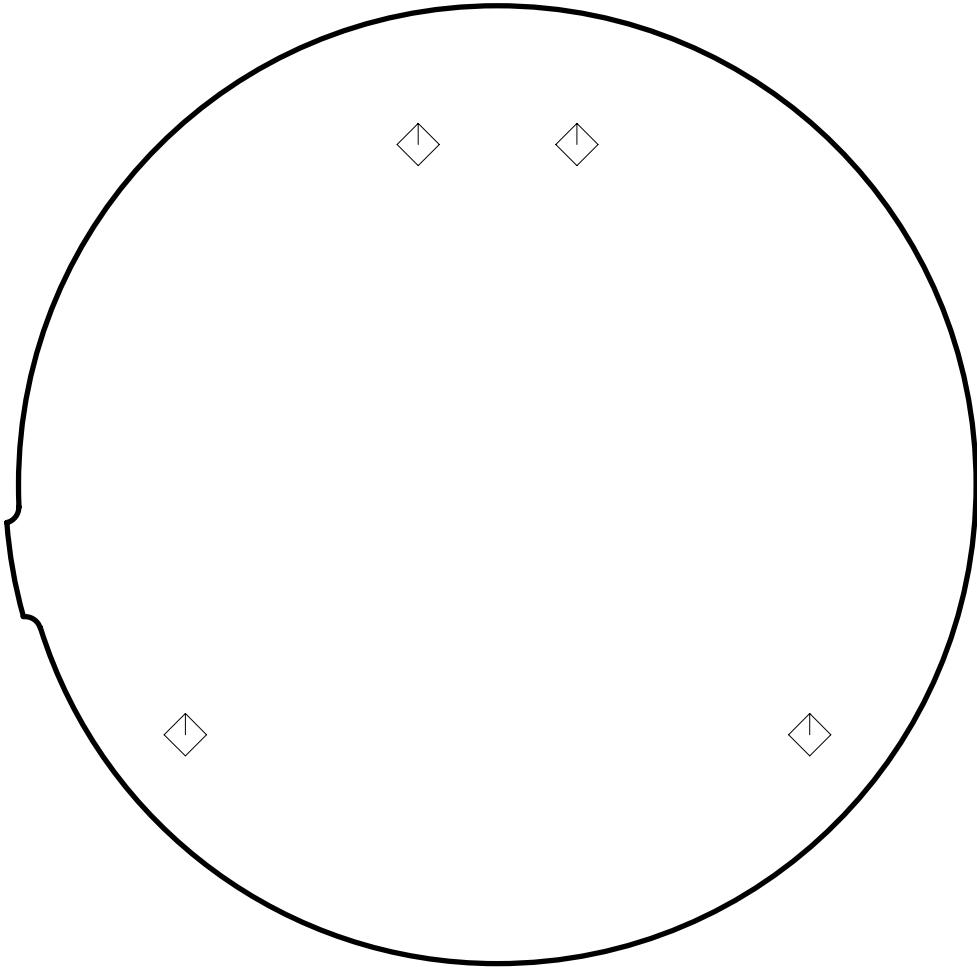
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Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Soldermask TOP					Scale: 7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
 MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 1/1



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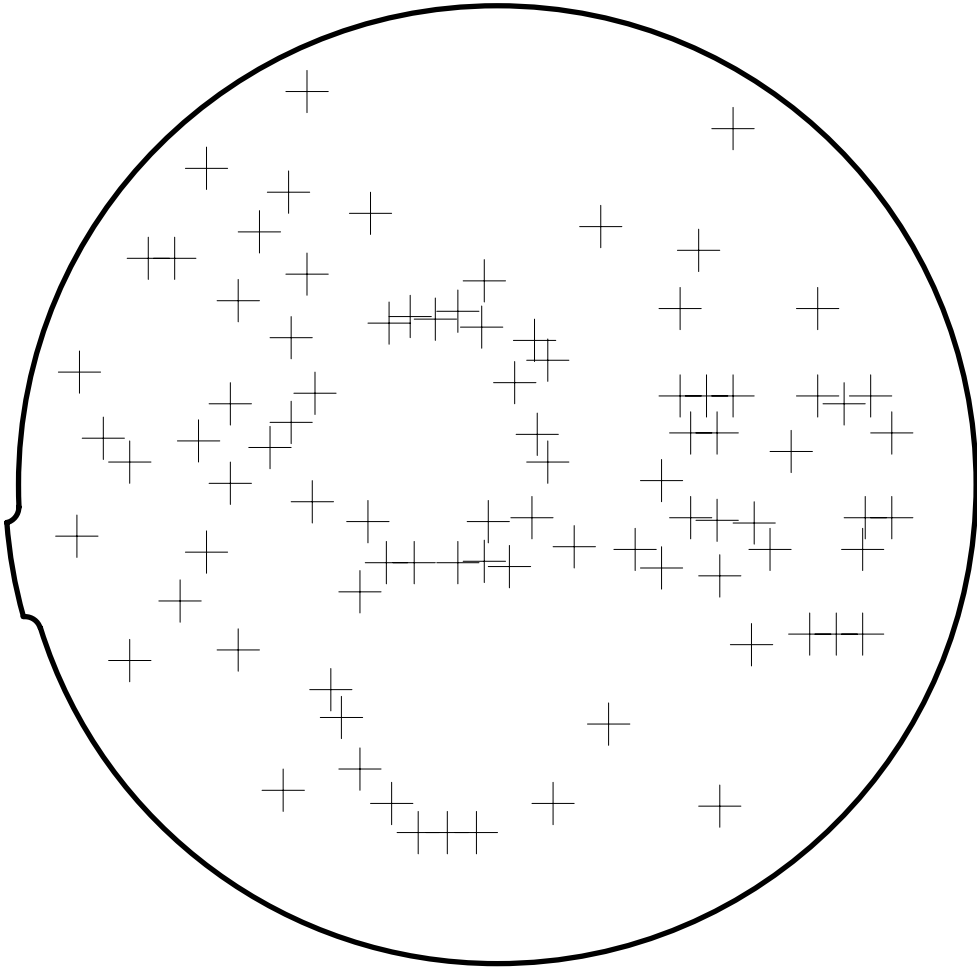
Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Soldermask BOTTOM					Scale: 7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
 MICRODUL					Sheet: 1/1
		Grubenstrasse 9 CH-8045 Zürich			



SIZE	QTY	SYM	PLATED	THR/PRTL	TOL
0.65	4	◊	YES	THR	+/-0.05

Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Drillplan THT				Scale:	7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
MICRODUL				Grubenstrasse 9 CH-8045 Zürich	
				Sheet:	1/1

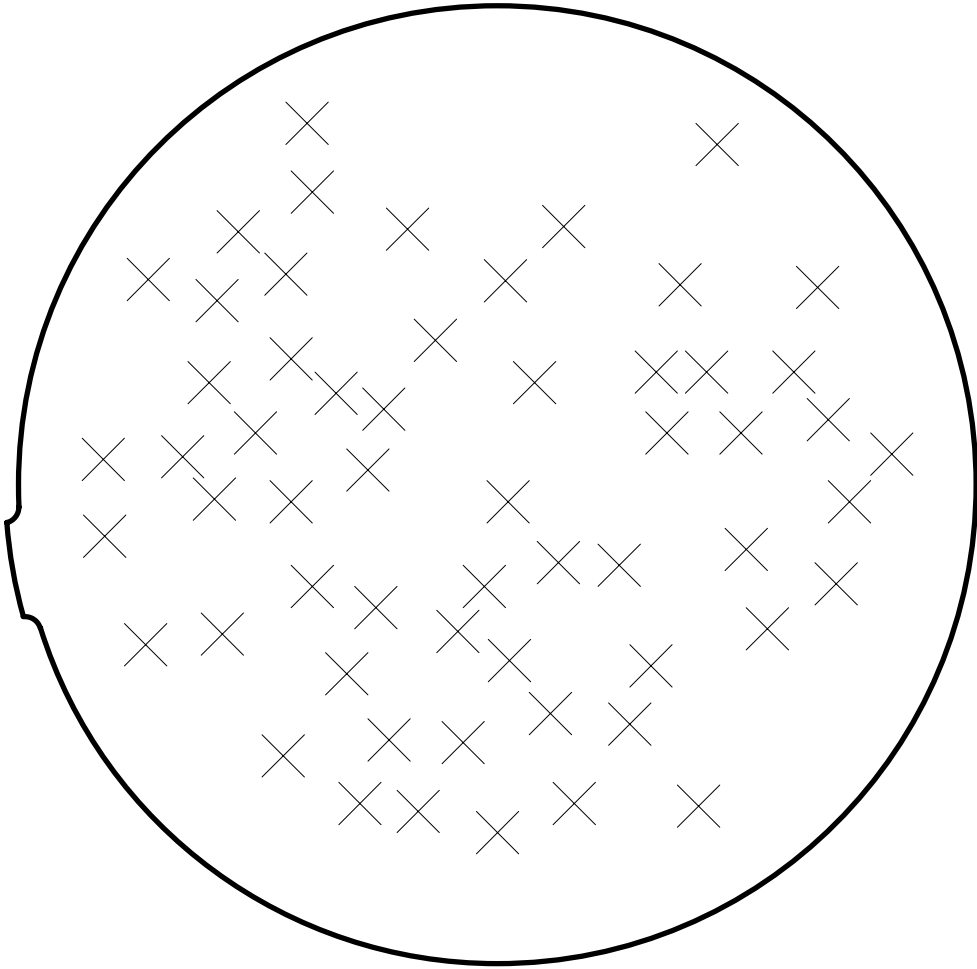
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SIZE	QTY	SYM	PLATED	THR/PRTL	TOL
0.1	87	+	YES	P1-2	+/-0.05

Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Drillplan L1 - L2					Scale: 7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 1/1

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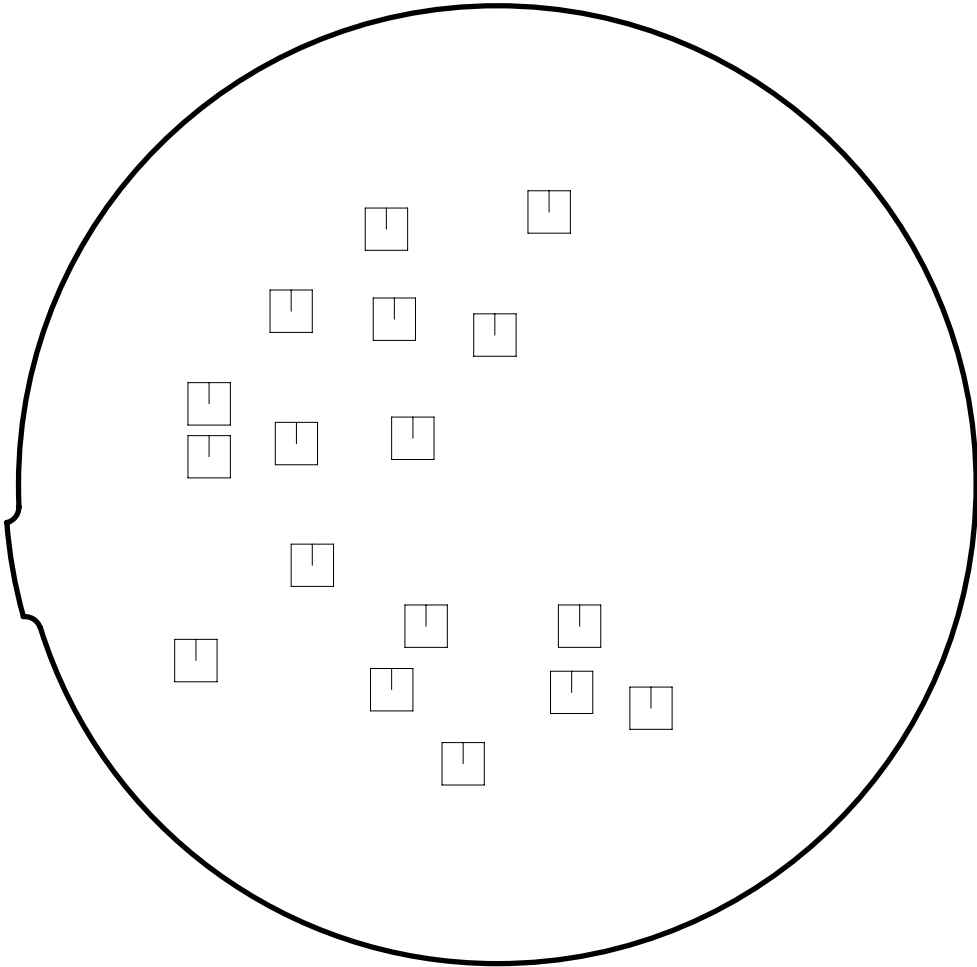


SIZE	QTY	SYM	PLATED	THR/PRTL	TOL
0.15	58	X	YES	P2-5	+/-0.05

Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Drillplan L2 – L5					Scale: 7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
 MICRODUL		Grubenstrasse 9 CH–8045 Zürich			Sheet: 1/1

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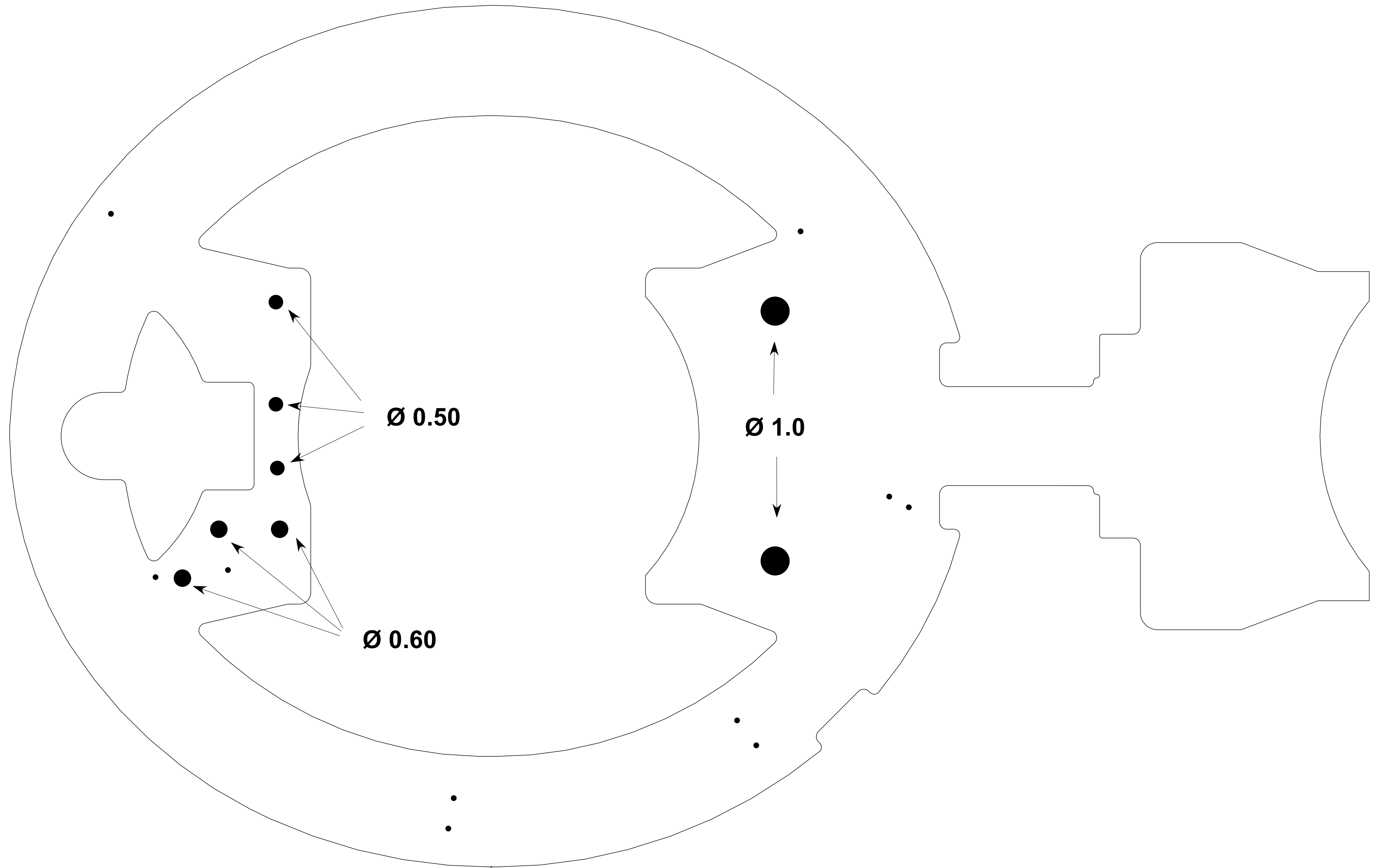




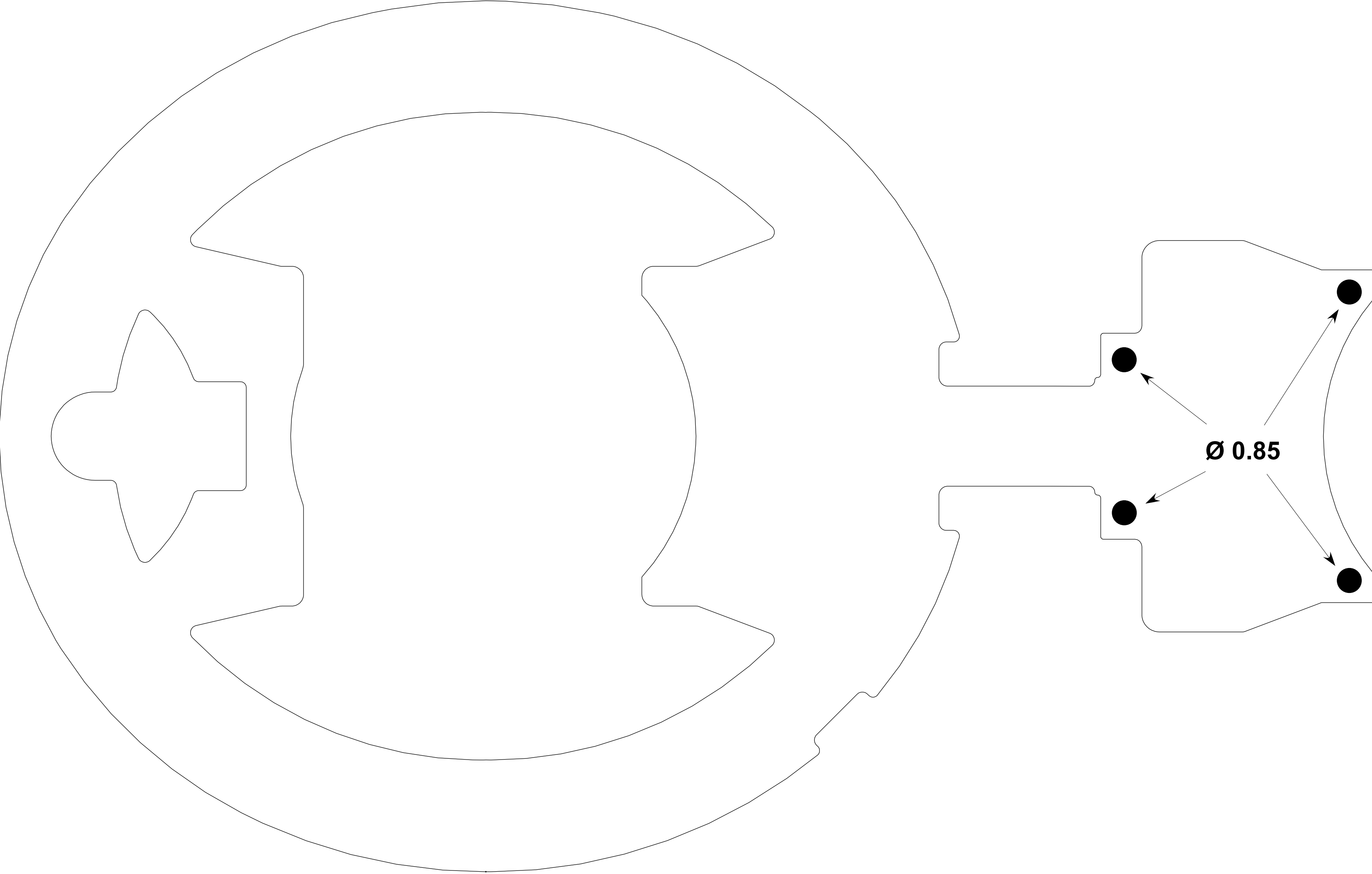
SIZE	QTY	SYM	PLATED	THR/PRTL	TOL
0.1	17		YES	P5-6	+/-0.05

Revision	Rev 0				
Change Request					
Date	06.05.09				
Name	U.Weidmann				
Checked					
Title: Drillplan L5 - L6				Scale:	7:1
Project: M3903		Drawn: U. Weidmann			Size: A3
MICRODUL				Grubenstrasse 9 CH-8045 Zürich	
				Sheet:	1/1

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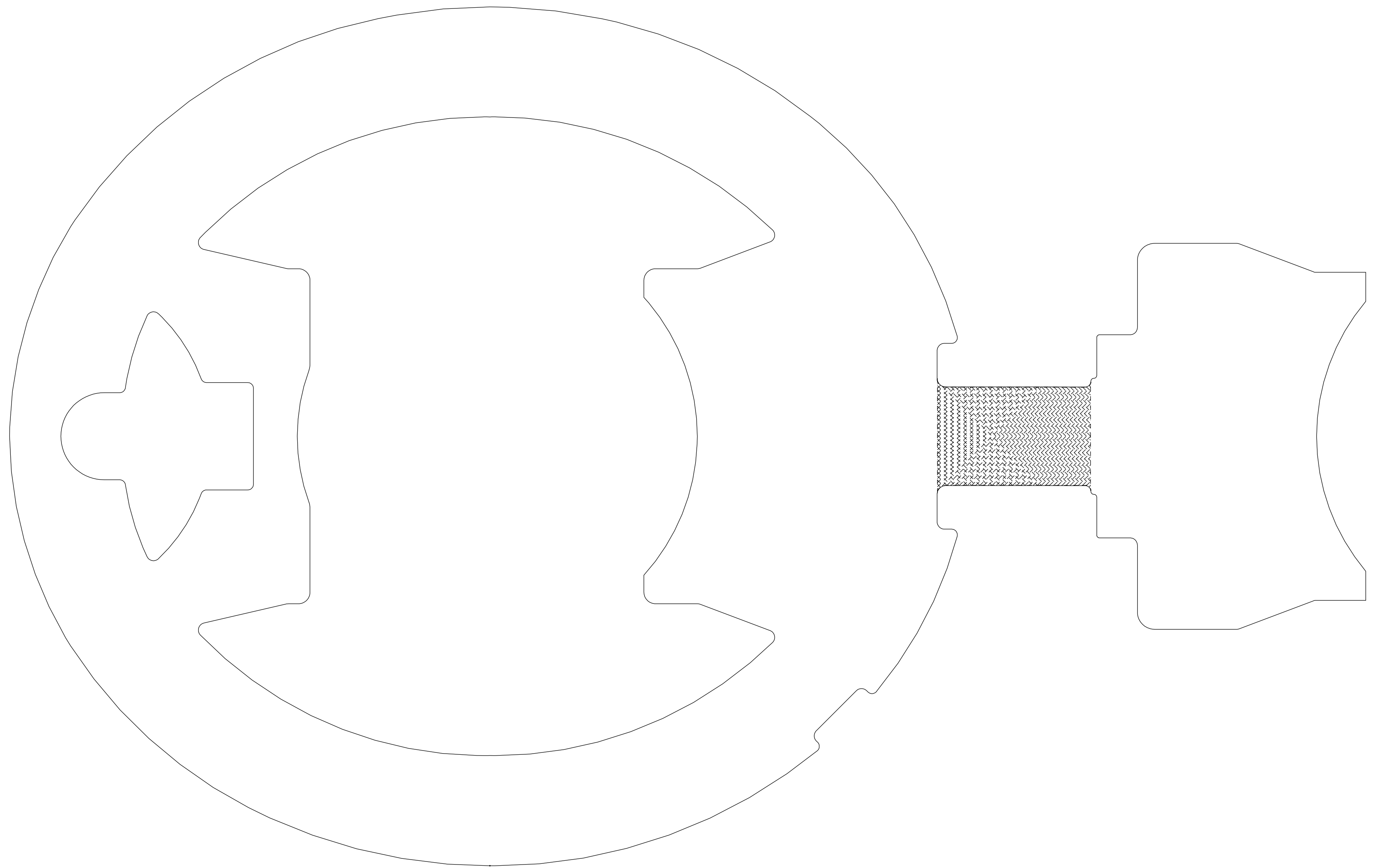



Revision	Rev 0				
Change Request					
Date	21.08.2008				
Name	A.Rudolf				
Checked					
Title: Bohrloch PT					Scale: 10:1
Project: M3858		Drawn: A.Rudolf			Size: A2
MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 14/15

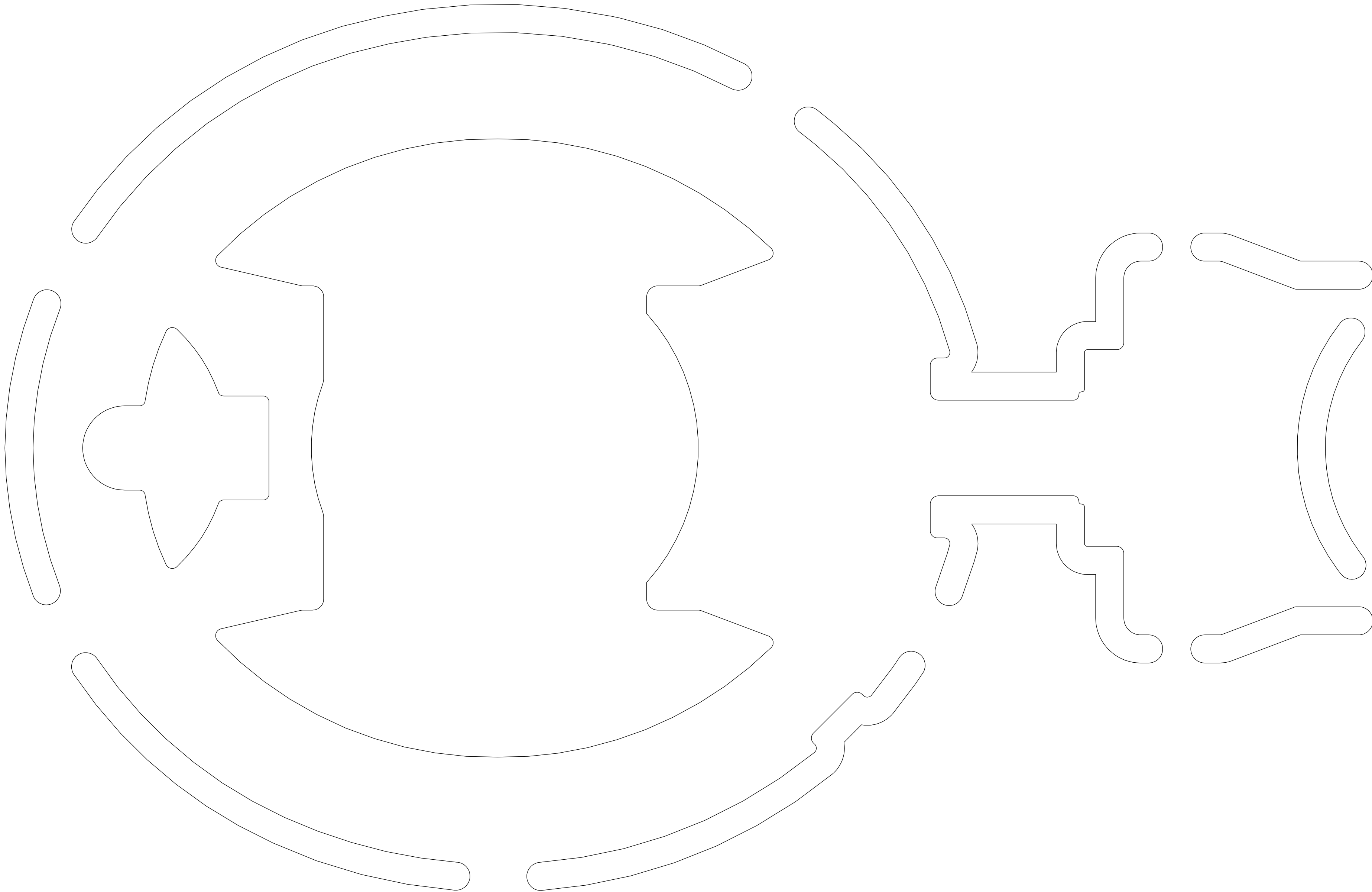


**Tol. +/- 0.15**

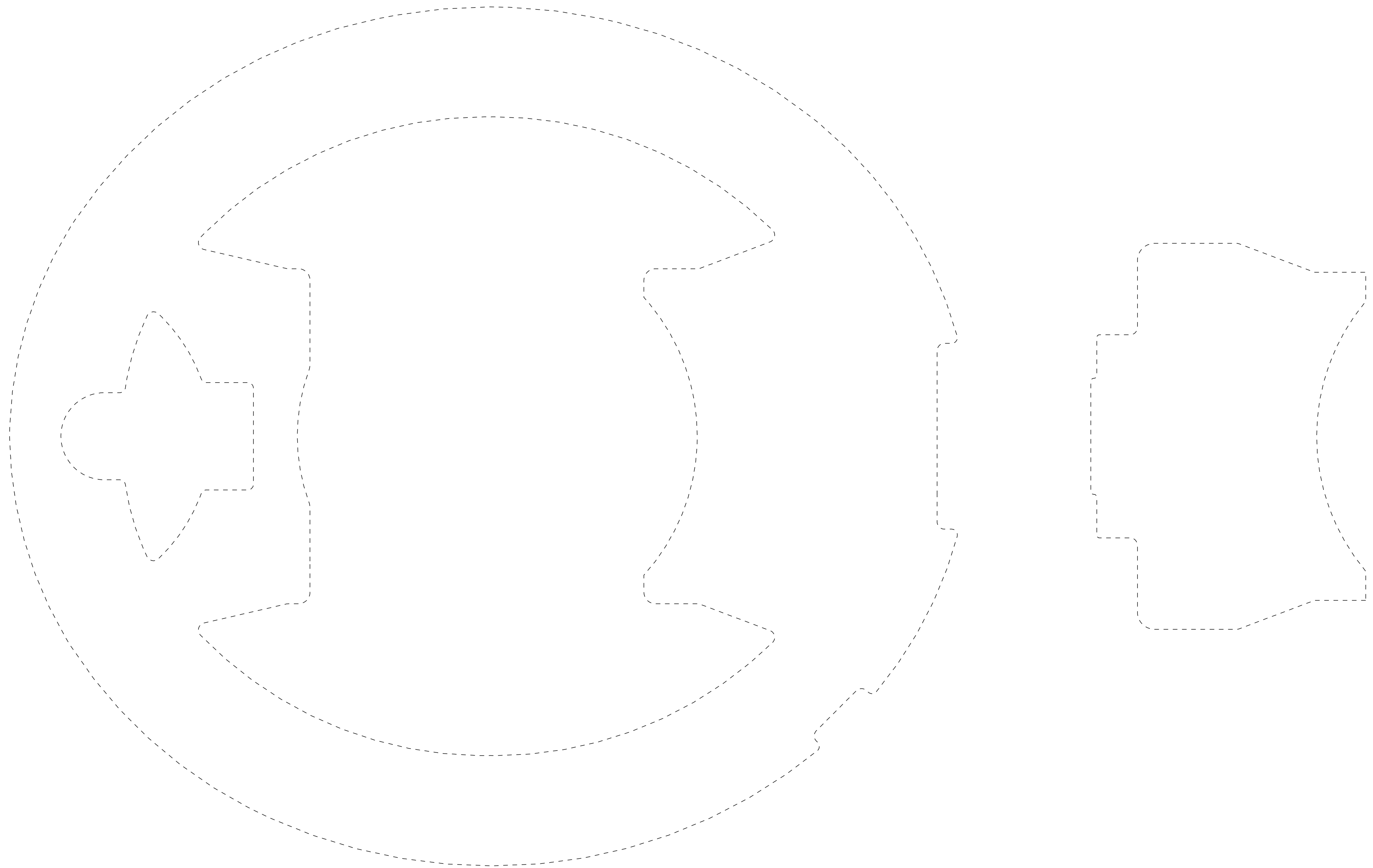
Revision	Rev 0				
Change Request					
Date	21.08.2008				
Name	A.Rudolf				
Checked					
Title: Bohrloch UP					Scale: 10:1
Project: M3858		Drawn: A.Rudolf			Size: A2
MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 15/15




Revision	Rev 0				
Change Request					
Date	21.08.2008				
Name	A.Rudolf				
Checked					
Title: Flex – Bereich					Scale: 10:1
Project: M3858		Drawn: A.Rudolf			Size: A2
 MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 9/15



Revision	Rev 0				
Change Request					
Date	21.08.2008				
Name	A.Rudolf				
Checked					
Title: Fraeskontour					Scale: 10:1
Project: M3858		Drawn: A.Rudolf			Size: A2
MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 10/15



Revision	Rev 0				
Change Request					
Date	21.08.2008				
Name	A.Rudolf				
Checked					
Title: Kontour Layer1+4					Scale: 10:1
Project: M3858		Drawn: A.Rudolf			Size: A2
 MICRODUL		Grubenstrasse 9 CH-8045 Zürich			Sheet: 7/15