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## PCB specification

Epoxyde glass farbic copper-clad laminated sheet of defined flammability according to EN 60249-2-5-FVO-IEC-EP-GC Cu. Insulating material group IIIa according to EN 60664-1. Nominal thickness 1.5mm ( include copper foil on both sides ). Double-sided, final thickness without solder mask < 1.64mm. Base copper clad 18um,final copper clad > 60um on on both sides. Surface HAL leadfree ( SnCu- base alloy without Ag).

base material

top copper

bottom copper

hole

For this drawing we reserve ourselves all rights  
+ Pay attention to protection note according to DIN ISO 16016  
+ Changes from the supplier need the previous approval by TDE

Handwritten  
remarks  
are not allowed

toleranced DIN				tolerance	change date	num- ber	modification		12.07.2016	S.Kulik	S.Kulik			
thread according to DIN				scale:				Date		editor	certifi- cated	Appr.	Index	
surface:				material type:				substitution for dimensions w/o tolerance:						
german projection				material:				DVT PSU LM5116-HT						
semi finished product				project version				TDE						
material consumption:								PN10048				1		
weight:												6		
number of pieces per package:				Format: DIN A 3				Classing:						

Supporting regulations which apply

mailing:

V:

ZV:

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A

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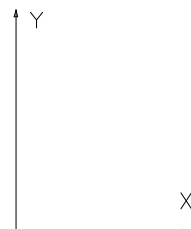
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PCB outline

90,00

105,00

Zeropoint



Gerber: DVT-PSU-LM5116-HT.GM32

toleranced DIN				tolerance	change date	num- ber	modification		12.07.2016	S.Kulik	S.Kulik			
thread according to DIN				surface:				scale:	Date	editor	certifi- cated	Appr.	Index	
german projection				material:				material type:	substitution for dimensions w/o tolerance:					
								DVT PSU LM5116-HT						
semi finished product				project version				2						
material consumption:				TDE				PN10048						
weight:								6						
number of pieces per package:				Format: DIN A 3				Classing:						

Supporting regulations which apply

mailing:

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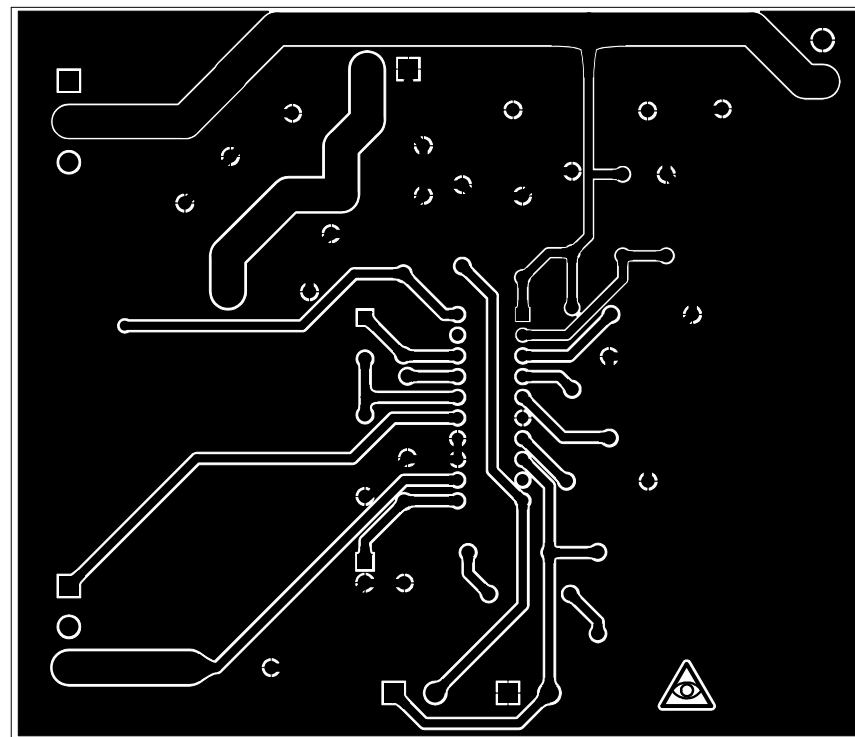
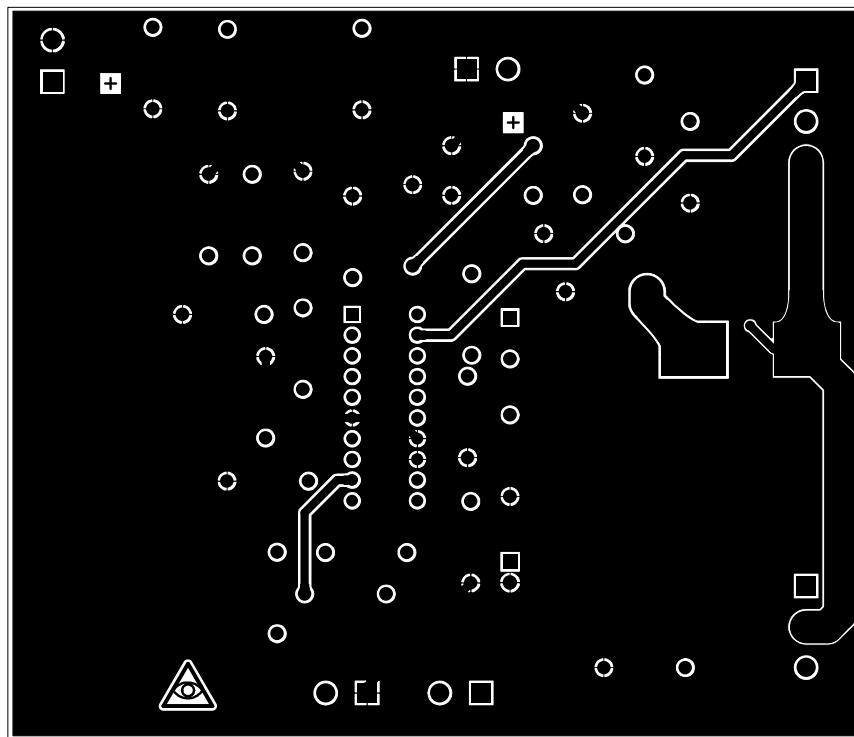
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Top Layer

Bottom layer



Gerber top: DVT-PSU-LM5116-HT.GTL  
Gerber bottom: DVT-PSU-LM5116-HT.GBL

tolerances		tolerance	change	num-	modification		12.07.2016	S.Kulk	S.Kulk		
thread according to DIN		surface:		scale:		Date		editor	certifi-	Appr.	Index
german projection		material:		material type:		substitution for		dimensions w/o tolerance:			
						DVT PSU LM5116-HT					
semi finished product		material consumption:		weight:		project version		TDE		PN10048	
number of pieces per package:						Format: DIN A 3		Classing:			

Supporting regulations which apply

milling:

V:

ZV:

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Top solder mask

Bottom solder mask

A

B

C

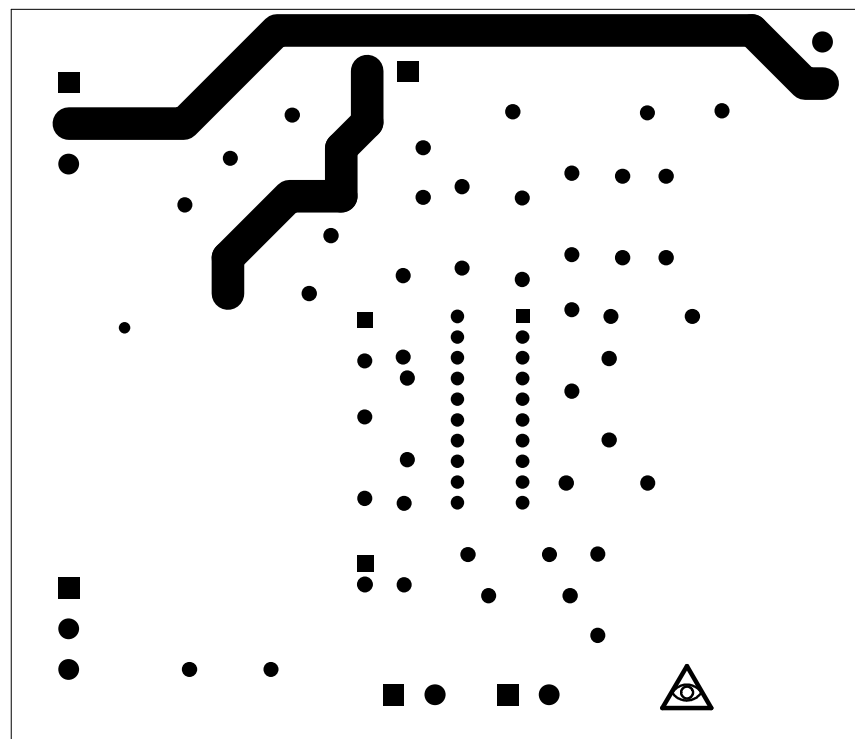
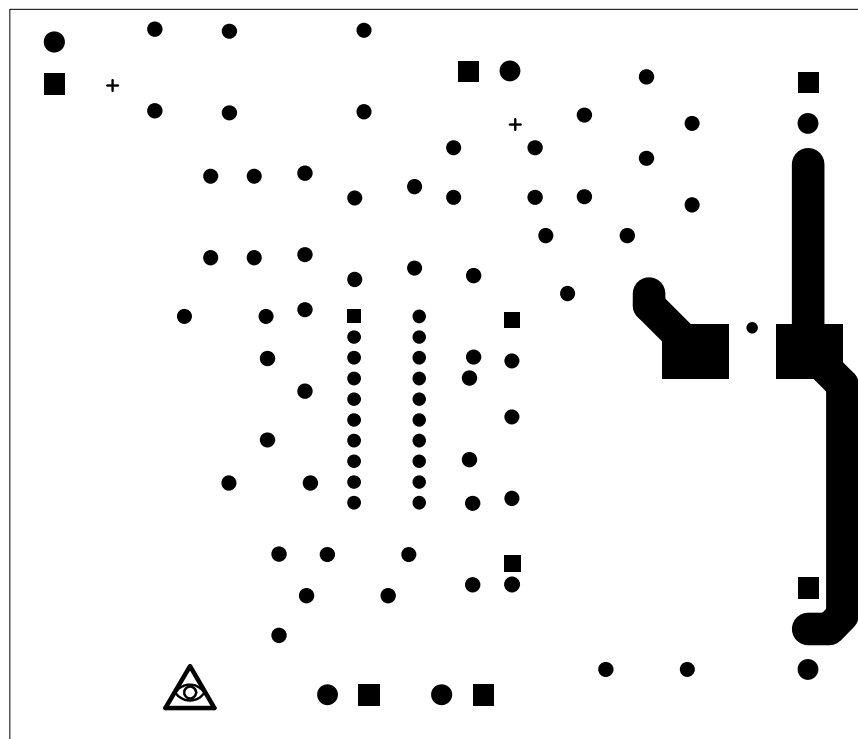
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Gerber solder top: DVT-PSU-LM5116-HT.GTS

Gerber solder bottom: DVT-PSU-LM5116-HT.GBS

toleranced DIN				tolerance	change date	num- ber	modification			12.07.2016	S.Kulk	S.Kulk		
thread according to DIN							scale:			Date	editor	certifi- cated	Appr.	Index
surface:							material type:			substitution for dimensions w/o tolerance:				
german projection		material:					DVT PSU LM5116-HT							
semi finished product							project version			4				
material consumption:							TDE			PN10048				
weight:										6				
number of pieces per package:							Format: DIN A 3			Classing:				

Supporting regulations which apply

milling:

V:

ZV:

For this drawing we reserve ourselves all rights  
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Changes from the supplier need the previous  
approval by TDE

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remarks  
are not allowed

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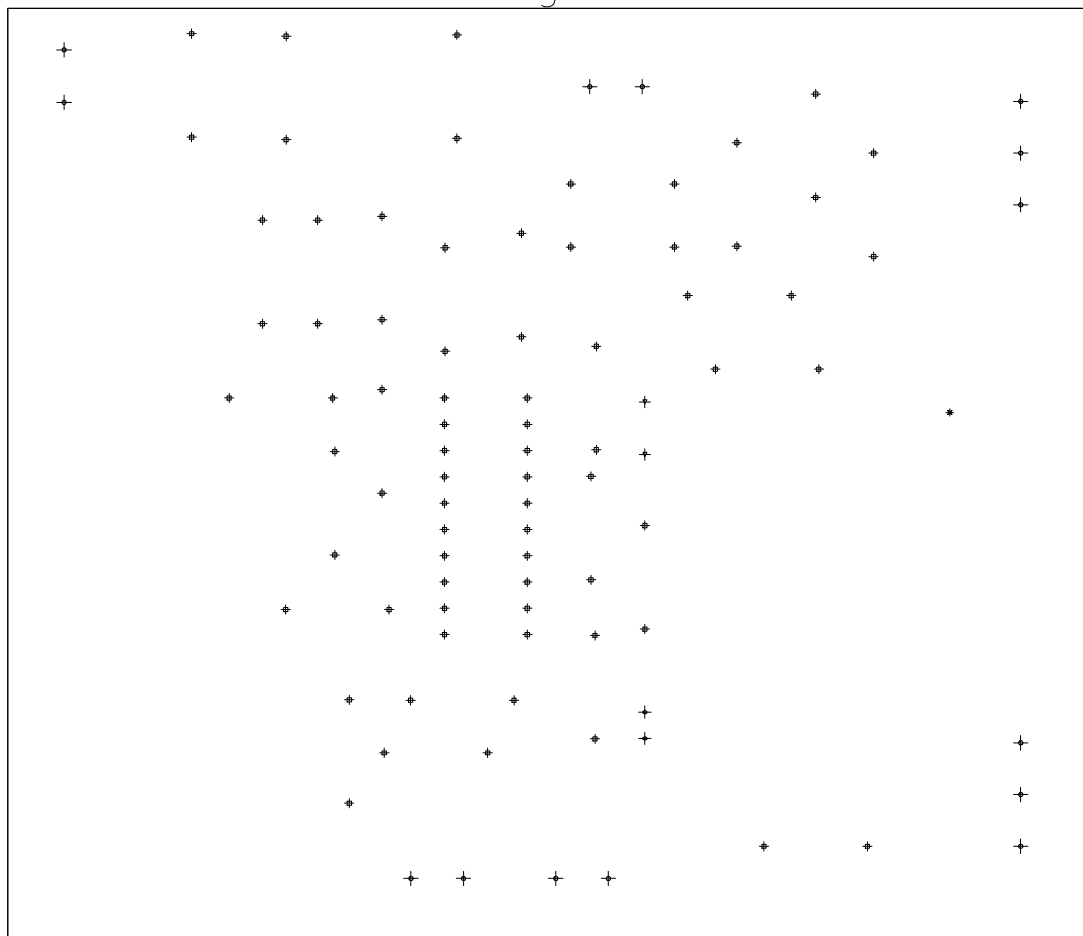
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## Drill drawing



Gerber: DVT-PSU-LM5116-HT.GD1

toleranced DIN				tolerance	change date	num- ber	modification				12.07.2016	S.Kulik	S.Kulik					
thread according to DIN							scale:		Date						editor	certifi- cated	Appr.	Index
surface:							material type:		substitution for dimensions w/o tolerance:									
german projection		material:					DVT PSU LM5116-HT											
							project version											
semi finished product							TDE		PN10048									
material consumption:																		
weight:																		
number of pieces per package:							Format: DIN A 3		Classing:									

Supporting regulations which apply

mailing:

V:

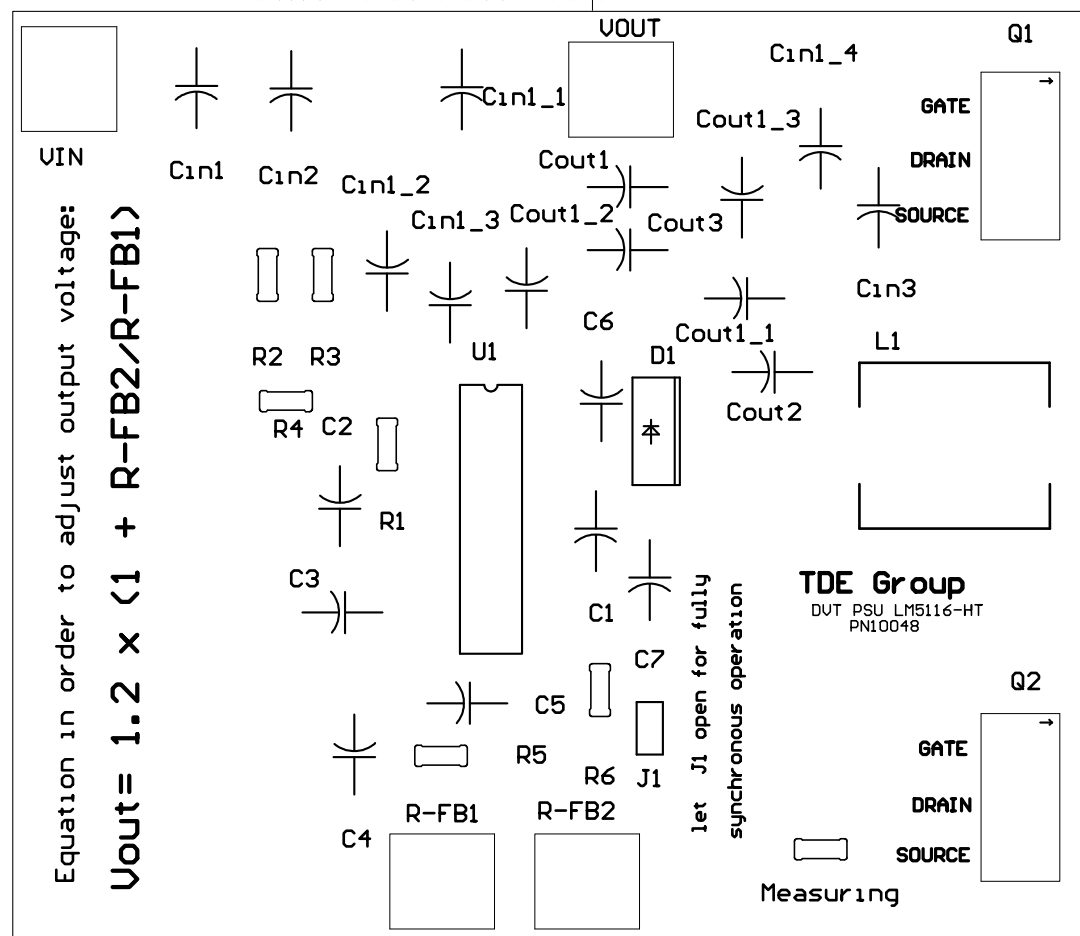
ZV:

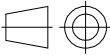
For this drawing we reserve ourselves all rights  
+ Pay attention to protection note according to DIN ISO 16016  
+ Changes from the supplier need the previous approval by TDE

Handwritten  
remarks  
are not allowed

Gerber: DVT-PSU-LM5116-HT.GTO

Silk screen top



toleranced dim.		tolerance		change index		num- ber		modification										12.07.2016										S.Kulik										S.Kulik																																																			
thread according to DIN										RoHS/WAL										scale:										Date										editor										certifi- cated										Appr.										Inde																			
surface:																				material type:										substitution for										dimensions w/o tolerance:																																																	
german projection					material:															DVT PSU LM5116-HT																																																																					
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semi finished product																																																																																									
material consumption:																																																																																									
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