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PCB specification

A

B

C

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PCB base material according to R04350 specifications
Glass Transition (Tg) > 280C

*

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

toleranced DIN				tolerance	change date	num- ber	modification			13.09.2016	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 Levelshifter							
semi finished product							project version			1				
material consumption:							TDE			PN10051				
weight:										6				
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

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A

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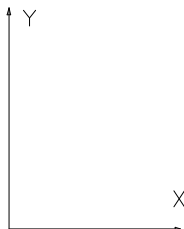
H

PCB outline

40,00

40,00

Zeropoint



Gerber: DVT-Levelshifert-HT.GM32

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toleranced DIN				tolerance	change date	num- ber	modification				13.09.2016	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 Levelshifter								
							project version				2				
semi finished product							TDE				PN10051				
material consumption:											6				
weight:															
number of pieces per package:							Format: DIN A 3				Classing:				

Supporting regulations which apply

mailing:

V:

ZV:

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Top Layer

Bottom layer

A

B

C

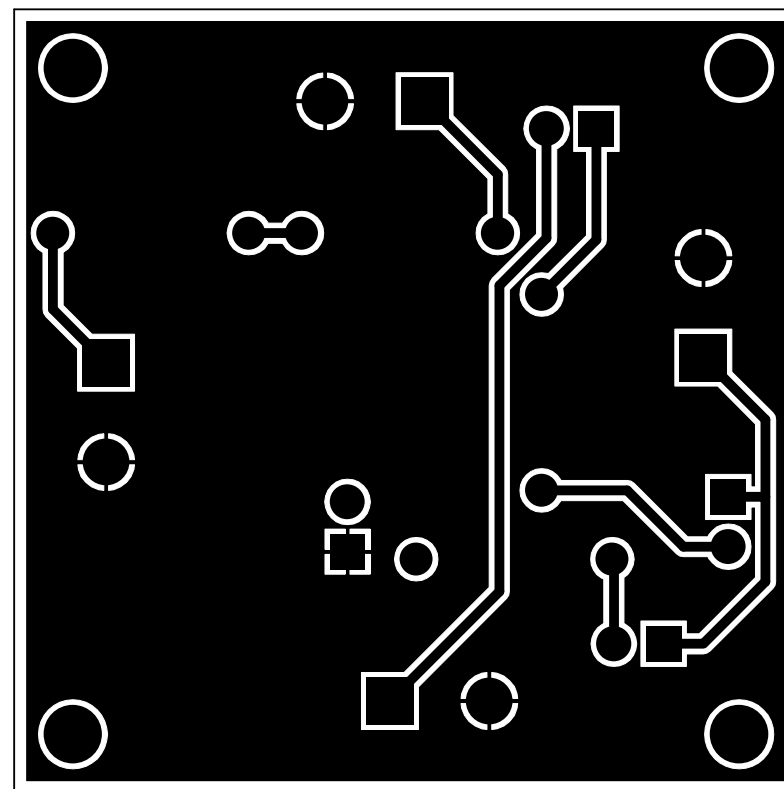
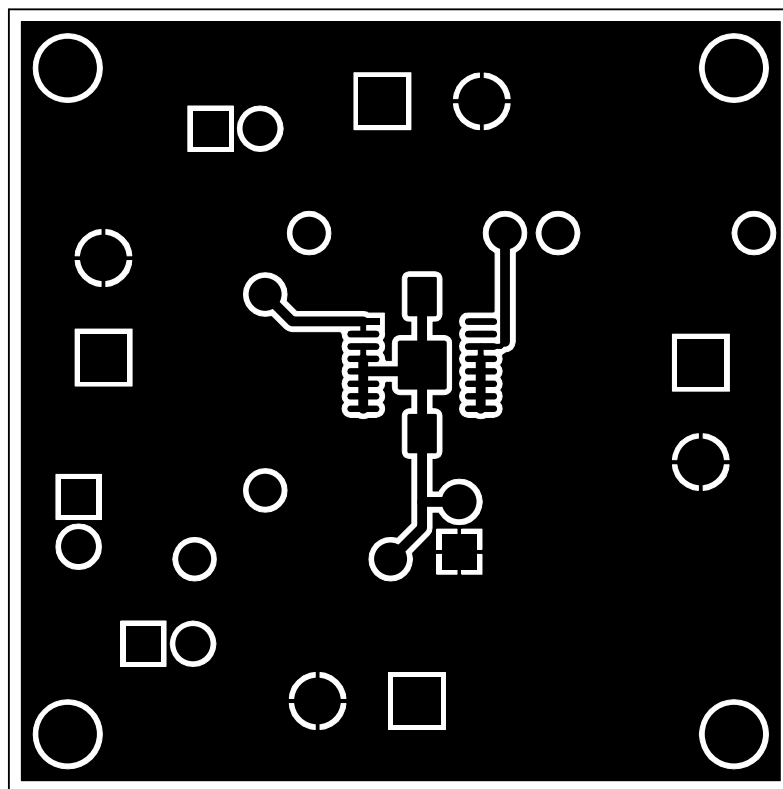
D

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Gerber top: DVT-Levelshifert-HT.GTL
Gerber bottom: DVT-Levelshifert-HT.GBL

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Handwritten
remarks
are not allowed

tolerances				tolerance	change	date	num-	modification				13.09.2016	S.Kulik	S.Kulik			
thread according to DIN				surface:				scale:				Date	editor	certifi-	Appr.	Index	
german projection				material:				material type:				substitution for dimensions w/o tolerance:					
semi finished product				material consumption:				weight:				number of pieces per package:					
DVT Levelshifter				project version				TDE				PN10051					
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

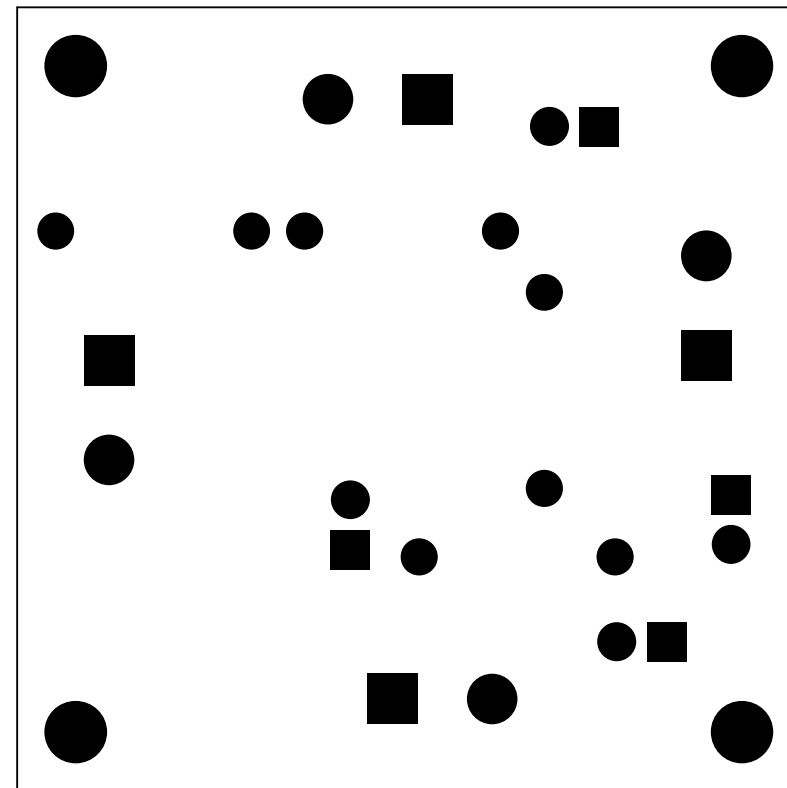
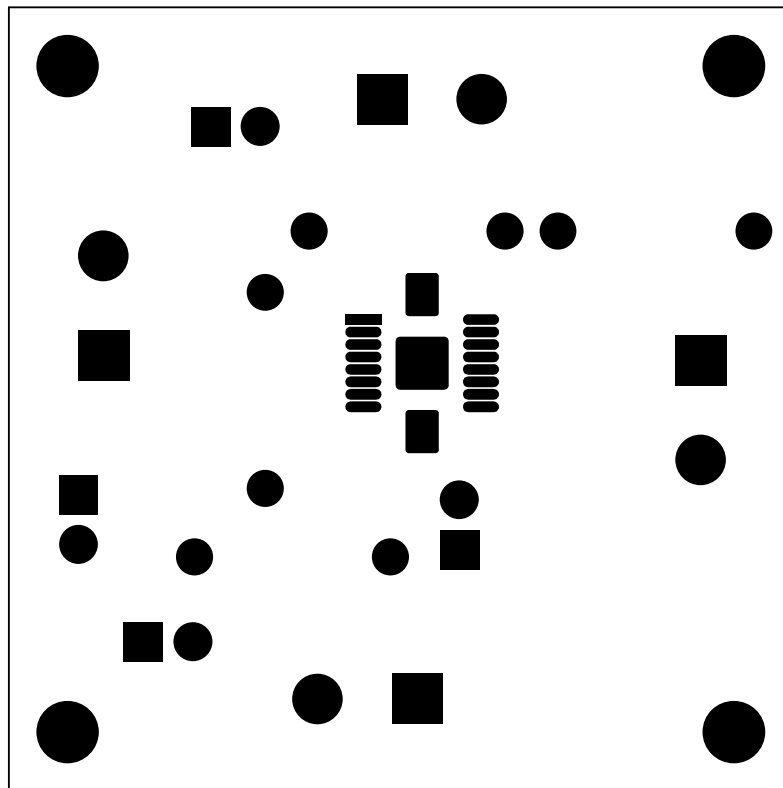
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E

F

G

H



Gerber solder top: DVT-Levelshifert-HT.GTS

Gerber solder bottom: DVT-Levelshifert-HT.GBS

tolerances		tolerance	change	date	num-	modification		13.09.2016	S.Kulik	S.Kulik			
thread according to DIN		surface:		Roth/THL		scale:		Date	editor	certifi-	Appr.	Index	
german projection		material:				material type:		substitution for dimensions w/o tolerance:					
						DVT Levelshifter							
semi finished product		material consumption:		weight:		project version		PN10051					
number of pieces per package:						Format: DIN A 3		Classing:					

Supporting regulations which apply

mailing:

V:

ZV:

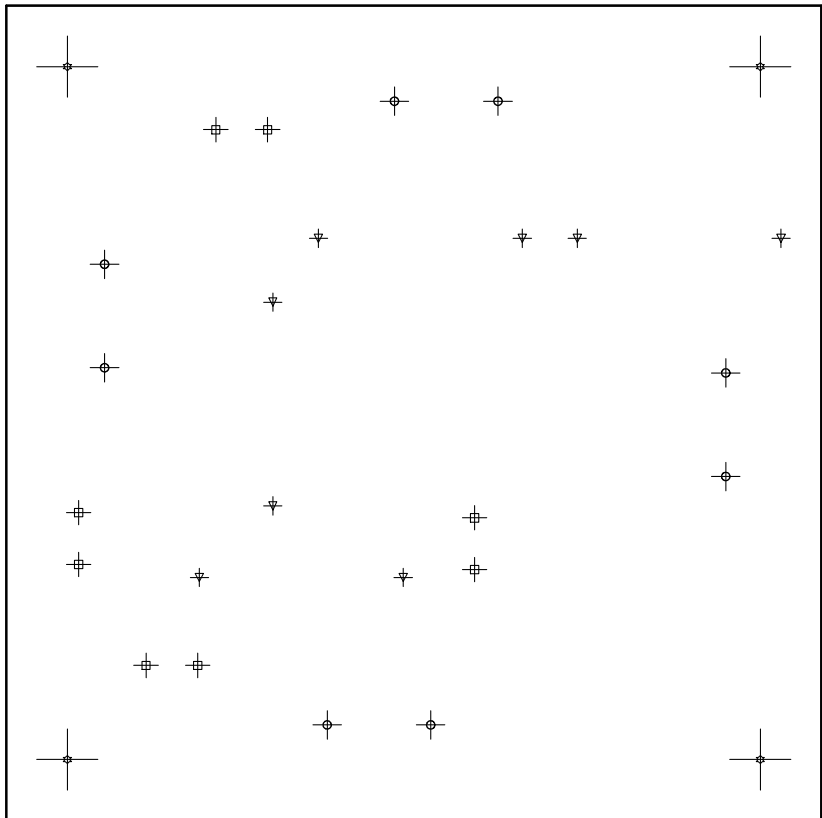
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Handwritten
remarks
are not allowed

it is part of

1 2 3 4 5 6 7 8 9

Drill drawing



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remarks
are not allowed

Gerber: DVT-Levelshifert-HT.GD1

tolerances DIN				tolerance	change date	num- ber	modification				13.09.2016	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 Levelshifter								
semi finished product							project version				TDE				
material consumption:											PN10051				
weight:											5				
number of pieces per package:							Format: DIN A 3				6				

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A

Silk screen top

B

C

D

E

F

G

H

Input

5Vcc
J1

R1

R3

Q1

R4

Output

J3

R2

J2

TDE Group
DVT LevelShifter
PN10051

J4

3.3Vcc

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remarks
are not allowed

Gerber: DVT-Levelshifter-HT.GTO

toleranced DIN	tolerance	change date	num- ber	modification		13.09.2016	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 Levelshifter						
semi finished product						project version	TDE				PN10051	6
material consumption:												
weight:												
number of pieces per package:						Format: DIN A 3	Classing:					

Supporting regulations which apply

mailing:

V:

ZV: