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## PCB specification

A

B

C

D

E

F

G

H

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				28.11.2016	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:				FSK Modulator								
							project version								
semi finished product							TDE				PN10055				1
material consumption:															6
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

1 2 3 4 5 6 7 8 9

PCB outline

A

B

C

D

E

F

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H

52,00

52,00

Y

X

Zeropoint

Gerber: FSK-Modulator-V1.GM32

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remarks  
are not allowed

toleranced DIN	tolerance	change date	num- ber	modification		28.11.2016	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:			FSK Modulator					
					project version		2			
semi finished product					TDE		PN10055		6	
material consumption:										
weight:										
number of pieces per package:					Format: DIN A 3		Classing:			

Supporting regulations which apply

mailing:

V:

ZV:

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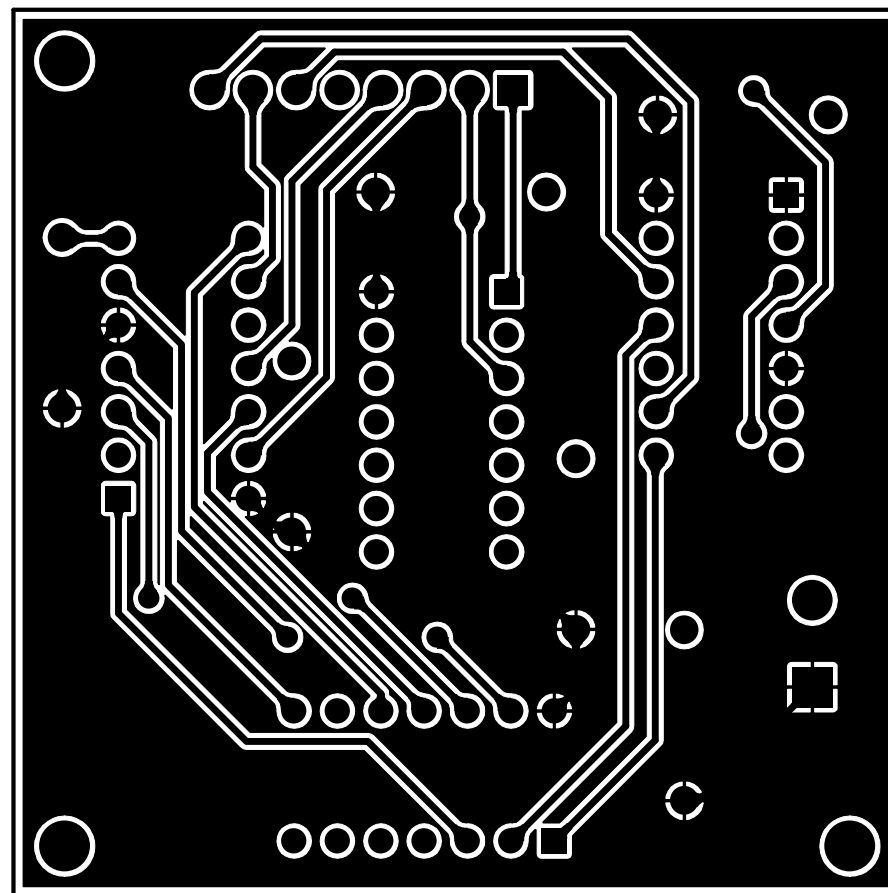
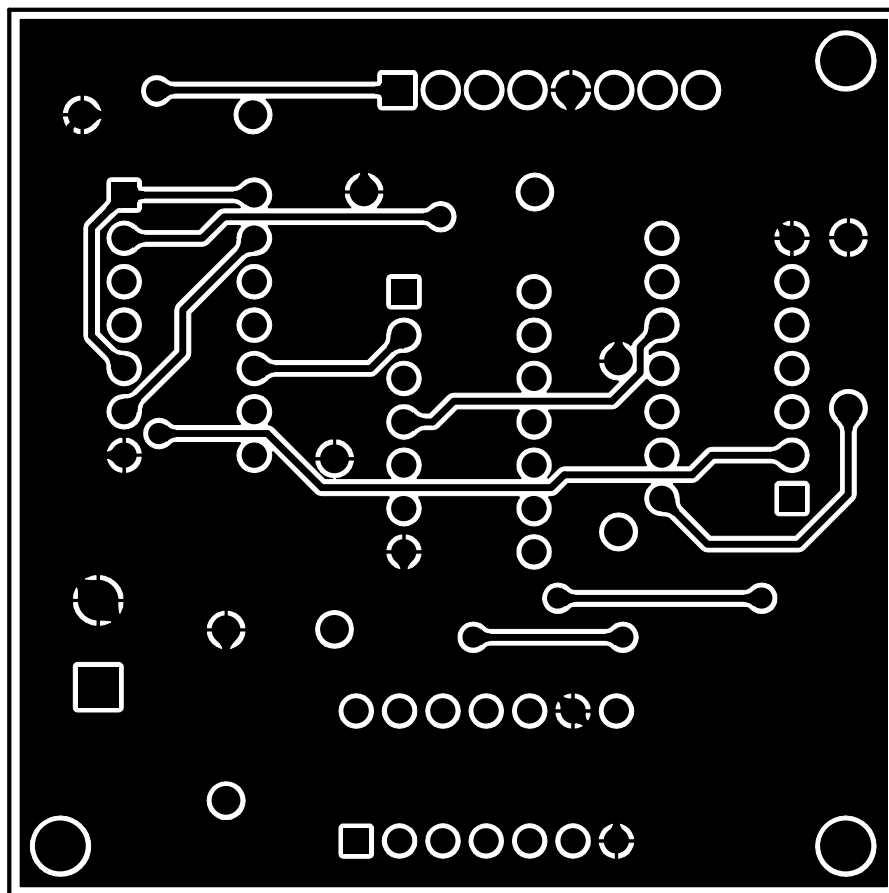
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Top Layer

Bottom layer



Gerber top: FSK-Modulator-V1.GTL  
Gerber bottom: FSK-Modulator-V1.GBL

Handwritten  
remarks  
are not allowed

toleranced DIN		tolerance	change date	num- ber	modification		28.11.2016	S.Kulk	S.Kulk		
thread according to DIN		surface:		scale:		Date		editor	certifi- cated	Appr.	Index
german projection		material:		material type:		substitution for dimensions w/o tolerance:					
						FSK Modulator					
semi finished product				project version		TDE					
material consumption:						PN10055		3			
weight:								6			
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

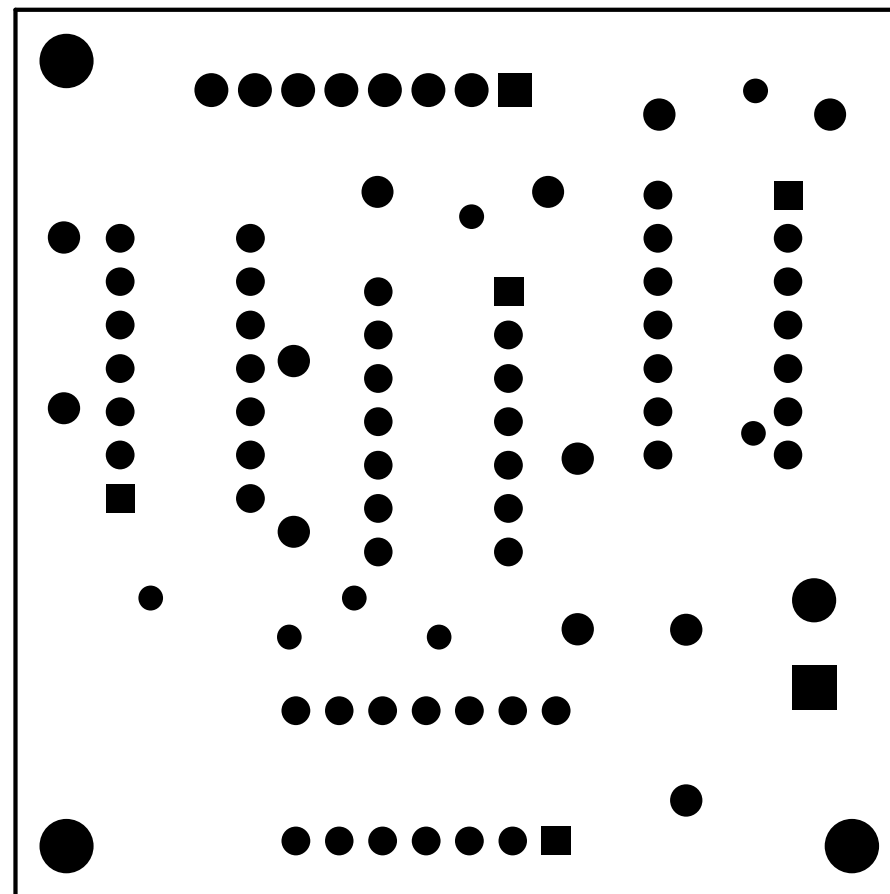
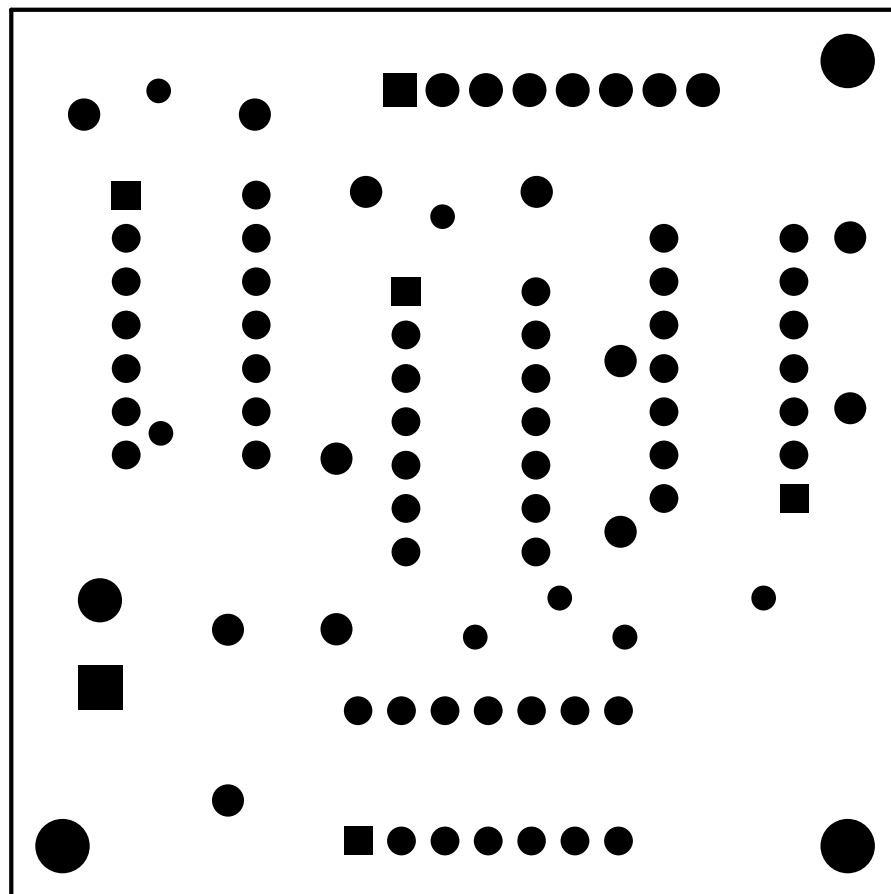
D

E

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Gerber solder top:  
FSK-Modulator-V1.GTS

Gerber solder bottom:  
FSK-Modulator-V1.GBS

toleranced DIN				tolerance	change date	num- ber	modification				28.11.2016	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:					FSK Modulator								
							project version								
semi finished product							TDE		PN10055						
material consumption:															
weight:															
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

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## Drill drawing

A

B

C

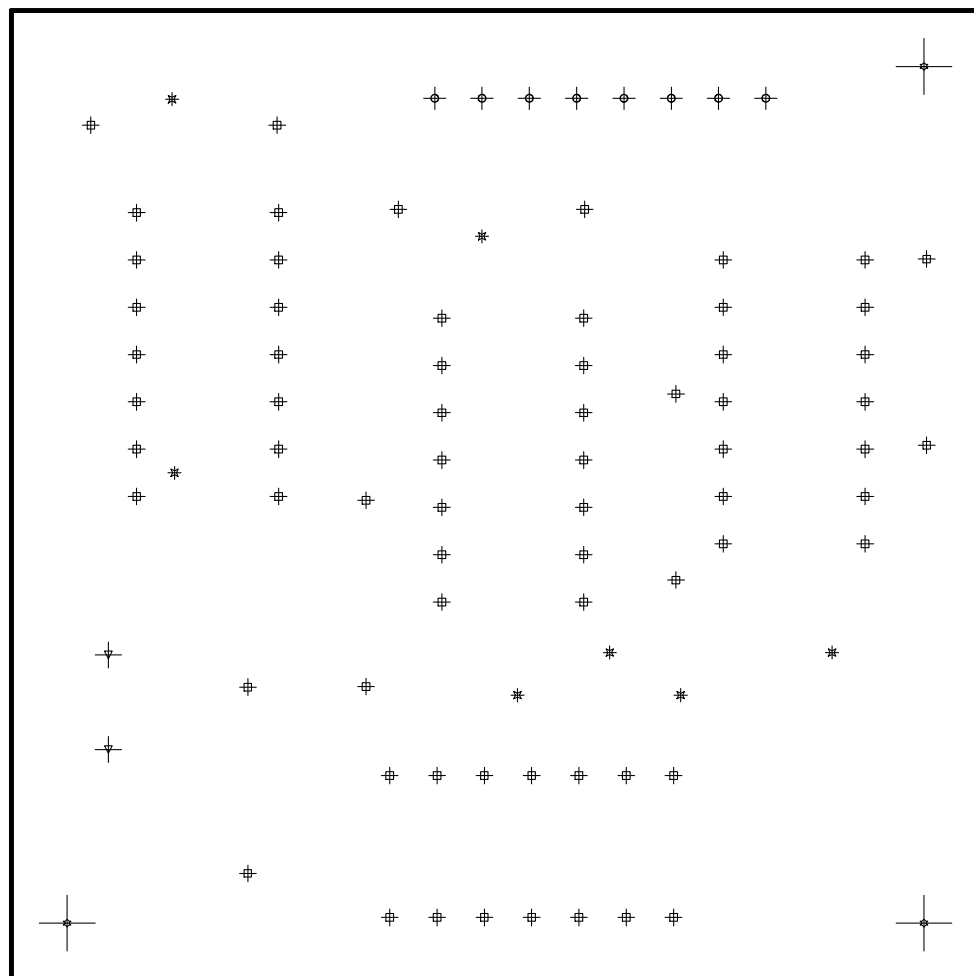
D

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Gerber: FSK-Modulator-V1.GD1

toleranced DIN				tolerance	change date	num- ber	modification				28.11.2016	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:					FSK Modulator								
semi finished product							project version		5						
material consumption:							TDE		PN10055						
weight:									6						
number of pieces per package:							Format: DIN A 3		Classing:						

Supporting regulations which apply

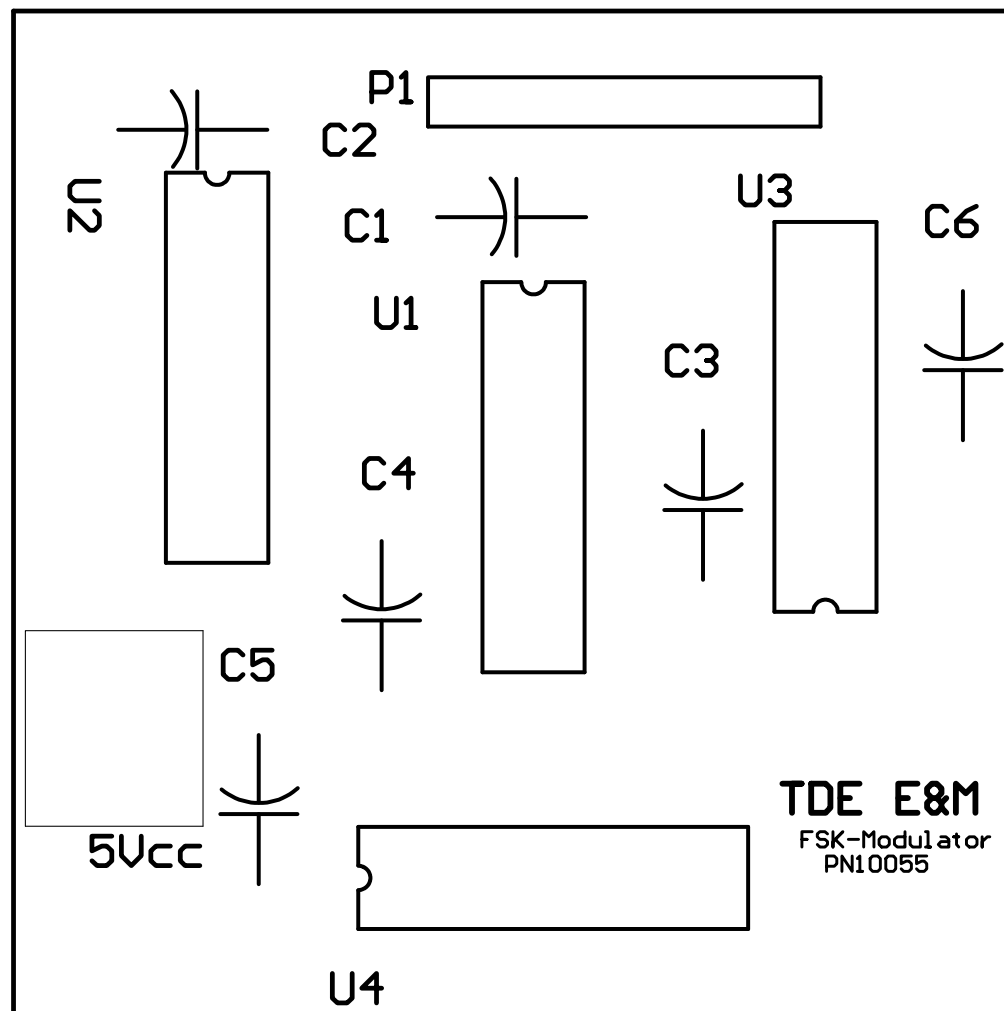
milling:

V:

ZV:

1 2 3 4 5 6 7 8 9

Silk screen top

**TDE E&M**  
FSK-Modulator  
PN10055

Gerber: FSK-Modulator-V1.GTO

tolerances		tolerance	change	num-	modification		28.11.2016	S.Kulik	S.Kulik		
thread according to DIN		surface:		Rohls/VAL		scale:	Date	editor	certifi-	Appr.	Index
german projection		material:				material type:	substitution for dimensions w/o tolerance:				
						FSK Modulator					
semi finished product		material consumption:		weight:		project version	TDE				
number of pieces per package:						Format: DIN A 3	PN10055				
Supporting regulations which apply						Classing:					

milling:

V:

ZV:

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remarks  
are not allowed