



Drill Legend

Symbol	Count	Hole Size	Plated	Hole Type	Drill Layer Pair	Via/Pad	Pad Shape	Template
⊙	814	0,300mm (11,81mil)	PTH	Round	L1_Top - L14_Bot	Via	Rounded	v80h30m0mx0
⊗	2	0,800mm (31,50mil)	PTH	Round	L1_Top - L14_Bot	Pad	(Mixed)	(Mixed)
▽	32	0,850mm (33,47mil)	PTH	Round	L1_Top - L14_Bot	Pad	(Mixed)	(Mixed)
▣	10	0,900mm (35,43mil)	NPTH	Round	L1_Top - L14_Bot	Pad	Rounded	c0hn90m-1p-1
○	85	1,100mm (43,31mil)	PTH	Round	L1_Top - L14_Bot	Pad	(Mixed)	(Mixed)
□	22	1,100mm (43,31mil)	PTH	Round	L1_Top - L14_Bot	Pad	(Mixed)	(Mixed)
⊗	7	1,600mm (62,99mil)	PTH	Round	L1_Top - L14_Bot	Pad	Rounded	c220h160m220p220
◇	4	3,200mm (125,98mil)	NPTH	Round	L1_Top - L14_Bot	Pad	Rounded	c0hn320m-1p-1
☆	4	5,360mm (211,02mil)	PTH	Round	L1_Top - L14_Bot	Pad	Rounded	c792h536m792p792
	980 Total							

Layer Stack Up Detail for: Learning Platform for Switching Regulators [No Variations]				
Layer Name	Gerber Document	Copper Thickness	Dielectric Height	Dielectric Material
Top Overlay	(.GTO)			
Top Solder	(.GTS)			
L1_Top	(.GTL)	0.035mm	1.6mm	FR-4
L2_Bot	(.GBL)	0.035mm		
Bottom Solder	(.GBS)			
Bottom Overlay	(.GBO)			

MATERIAL SPECIFICATION			
SINGLE SIDED	DOUBLE SIDED	MULTI LAYER	
MATERIAL	FR4	TG130	TC280
RoHS conform		YES	NO
PCB THICKNESS mm			1.6
COPPER THICKNESS AFTER PLATING um	9	18	35 70
THROUGH PLATED BOARD		YES	NO
SOLDER MASK	RED	TOP	YES NO
	RED	BOT	YES NO
SILK-SCREEN	WHITE	TOP	YES NO
	WHITE	BOT	YES NO
TEST	ELECTRICAL	YES	NO
	AOI	YES	NO

TECHNOLOGY
TRACK WIDTH: 0.20mm
CLEARANCE: 0.20mm
ANNULAR RING: 0.25mm
HOLE SIZE: 0.300mm



IFAG DES SDF SCS EPE
Learning Platform for Switching Regulators
V1.1 07/2021

 Infineon Technologies AG IFAG DES SDF SCS EPE Am Campeon 1-12 85579 NEUBIBERG - GERMANY	ENGINEER:	TITLE: Learning Platform for Switching Regulators	
	PCB DESIGNER: Adrian Keil		
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