



Drill Legend

Symbol	Count	Hole Size	Plated	Hole Type	Drill Layer Pair	Via/Pad	Pad Shape	Template
⊙	1083	0,300mm (11,81mil)	PTH	Round	L1_Top - L14_Bot	Via	Rounded	v80h30m0mx0
⋄	6	0,500mm (19,69mil)	PTH	Round	L1_Top - L14_Bot	Via	Rounded	v100h50m0mx0
⊗	4	0,800mm (31,50mil)	PTH	Round	L1_Top - L14_Bot	(Mixed)	(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
□	18	1,100mm (43,31mil)	PTH	Round	L1_Top - L14_Bot	Pad	(Mixed)	(Mixed)
○	85	1,100mm (43,31mil)	PTH	Round	L1_Top - L14_Bot	Pad	(Mixed)	(Mixed)
⊕	8	1,500mm (59,06mil)	PTH	Round	L1_Top - L14_Bot	Pad	(Mixed)	(Mixed)
⊗	6	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
1256 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	DOUBLESIDED	MULTILAYER		
MATERIAL	FR4	TG130	1.6mm	
RoHS conform		YES	NO	
PCB THICKNESS	mm		1.6	
COPPER THICKNESS AFTER PLATING	um	9	18	35
THROUGH PLATED BOARD		YES	NO	
SOLDER MASK	GREEN	TOP	YES	NO
	GREEN	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
V1.2 09/2021

 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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