

Material Content Data Sheet

RoHS

Sales Product Name	FF1300UXTR23T2M1P	**Revision**	01
Issued	18.07.2025	**Weight***	1016 g

Construction element	*Material group*	*CAS-Nr. if applicable*	*Materials*	*Average mass**	*Sum*	*Traces*	*Comment*
semiconductors	inorganic material	409-21-2	silicon-carbide	0,1%	0,1%		
	non noble metal	7429-90-5	aluminum			X	
	non noble metal	7440-02-0	nickel			X	
baseplate and substrate including metallisation	non noble metal	7440-50-8	copper	52,0%	54,8%		
	non noble metal	7440-31-5	tin	1,5%			
	inorganic material	12033-89-5	trisilicon-tetranitride	0,9%			
	non noble metal	7440-02-0	nickel	0,1%			
	non noble metal	7440-36-0	antimony	0,1%			
	noble metal	7440-22-4	silver			X	
	non noble metal	7439-95-4	magnesium			X	
	inorganic material	25583-20-4	titanium nitride			X	
	non noble metal	7440-65-5	yttrium			X	
	inorganic material	7723-14-0	phosphorus			X	
bond wire	non noble metal	7440-50-8	copper	0,8%	0,8%		
silicone compounds	polymers	-	silicone-rubber PVMQ	8,3%	8,5%		
	inorganic material	-	other	0,1%			no duty of declaration
	polymers	-	silicone-rubber VMQ	0,1%			
	inorganic material	112945-52-5	amorphous, pyrogenetic silica			X	
housing and screws	polymers	-	polyamid	8,9%	15,5%		
	inorganic material	-	glass fiber	4,6%			
	inorganic material	-	Organic phosphorus compound ISO 1043-4, not declarable	1,5%			
	non noble metal	7439-89-6	iron	0,3%			
	inorganic material	-	further additives	0,2%			no duty of declaration
	organic material	1333-86-4	carbon black	0,1%			
	non noble metal	7440-66-6	zinc			X	
	non noble metal	7440-02-0	nickel			X	
	non noble metal	7440-47-3	chrome			X	
terminals	non noble metal	7440-50-8	copper	15,0%	19,9%		
	non noble metal	7439-89-6	iron	4,8%			
	non noble metal	7440-31-5	tin	0,1%		X	
	non noble metal	7440-02-0	nickel			X	
	non noble metal	7440-66-6	zinc			X	
	inorganic material	7723-14-0	phosphorus			X	
	inorganic material	1308-38-9	chrome(III)oxid			X	
SMD components	non noble metal	7439-89-6	iron		0,008%	X	
	non noble metal	7440-02-0	nickel			X	
	inorganic material	1317-36-8	lead monoxide	0,0018%		X	RoHS compliant; according to exception 7c. I
	non noble metal	7440-50-8	copper			X	
	non noble metal	7440-31-5	tin			X	
	inorganic material	1309-64-4	antimonious trioxide			X	
	inorganic material	1313-99-1	nickel monoxide			X	
	inorganic material	1308-06-1	tricobalt tetraoxide			X	
	noble metal	7440-57-5	gold			X	
TIM	non noble metal	7429-90-5	aluminum	0,1%	0,2%		
	inorganic material	1314-13-2	zinc oxide			X	
	inorganic material	-	further additives			X	no duty of declaration
*deviation	< 25%			Sum in total:	100%		

Important Remarks:

1. This document provides full declaration of all materials present in Infineon products above a threshold of 0,1 % b.w. (1000 ppm).
2. Trace concentrations (i.e. < 0,1 % b.w) present in products are marked with an "X" as far as they represent substances-of-concern.
   A list of substances-of-concern can be found at http://www.infineon.com/soc.
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