

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPLU250N04S4-1R7	**Issued**	16. May 2021
MA#	MA005406128		
Package	PG-HSOF-8-1	**Weight***	769.58 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.072	0.01		94	
	noble metal	gold	7440-57-5	0.280	0.04		363	
	inorganic material	silicon	7440-21-3	2.681	0.35	0.40	3484	3941
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		164	
	non noble metal	iron	7439-89-6	0.421	0.05		547	
	non noble metal	copper	7440-50-8	420.040	54.59	54.66	545801	546512
wire	non noble metal	aluminium	7429-90-5	13.025	1.69	1.69	16925	16925
encapsulation	inorganic material	zincoxide	1314-13-2	3.259	0.42		4235	
	miscellaneous	miscellaneous	-	13.037	1.69		16941	
	plastics	epoxy resin	-	48.890	6.35		63528	
	inorganic material	silicondioxide	60676-86-0	260.746	33.88	42.34	338814	423518
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8419	8419
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	683	685
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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