



Material Content Data Sheet



Sales Product Name		IPLU300N04S4-1R1		Issued		25. January 2018		
MA#		MA001125136						
Package		PG-HSOF-8-1		Weight*		767.66 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.405	0.05		528	
	non noble metal	tin	7440-31-5	0.104	0.01		136	
	inorganic material	silicon	7440-21-3	3.883	0.51	0.57	5059	5723
leadframe	non noble metal	iron	7439-89-6	0.421	0.05		548	
	inorganic material	phosphorus	7723-14-0	0.126	0.02		164	
	non noble metal	copper	7440-50-8	420.040	54.73	54.80	547170	547882
wire	non noble metal	aluminium	7429-90-5	13.063	1.70	1.70	17017	17017
encapsulation	organic material	carbon black	1333-86-4	4.839	0.63		6304	
	plastics	epoxy resin	-	53.231	6.93		69341	
	inorganic material	silicondioxide	60676-86-0	264.541	34.46	42.02	344606	420251
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8440	8440
plating	non noble metal	nickel	7440-02-0	0.526	0.07		685	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.07	2	687
*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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