



Material Content Data Sheet



Sales Product Name				IPLU250N04S4-1R7		Issued		22. January 2018	
MA#				MA001125138					
Package				PG-HSOF-8-1		Weight*		767.03 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	0.280	0.04		365		
	non noble metal	tin	7440-31-5	0.072	0.01		94		
	inorganic material	silicon	7440-21-3	2.681	0.35	0.40	3495	3954	
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	54.76	54.83	547621	548333	
wire	non noble metal	aluminium	7429-90-5	10.478	1.37	1.37	13660	13660	
encapsulation	organic material	carbon black	1333-86-4	4.889	0.64		6374		
	plastics	epoxy resin	-	53.777	7.01		70111		
	inorganic material	silicondioxide	60676-86-0	267.258	34.84	42.49	348433	424918	
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8447	8447	
plating	non noble metal	nickel	7440-02-0	0.526	0.07		686		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.07	2	688	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com