



## Material Content Data Sheet



<b>Sales Product Name</b>		IPLU300N04S4-1R1		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001125136						
<b>Package</b>		PG-HSOF-8-1		<b>Weight*</b>		767.66 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	0.104	0.01		136	
	noble metal	gold	7440-57-5	0.405	0.05		528	
	inorganic material	silicon	7440-21-3	3.883	0.51	0.57	5059	5723
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		164	
	non noble metal	iron	7439-89-6	0.421	0.05		548	
	non noble metal	copper	7440-50-8	420.040	54.73	54.80	547169	547881
wire	non noble metal	aluminium	7429-90-5	13.070	1.70	1.70	17026	17026
encapsulation	organic material	carbon black	1333-86-4	4.839	0.63		6304	
	plastics	epoxy resin	-	53.230	6.93		69340	
	inorganic material	silicondioxide	60676-86-0	264.535	34.46	42.02	344599	420243
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8440	8440
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	685	687
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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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