



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPLU250N04S4-1R7	<b>Issued</b>	16. May 2021
<b>MA#</b>	MA005406128		
<b>Package</b>	PG-HSOF-8-1	<b>Weight*</b>	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:

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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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