



Material Content Data Sheet



Halogen-Free

Sales Product Name IPLU300N04S4-1R1

Issued

24. February 2022

MA# MA005700224

Package PG-HSOF-8-1

Weight*

770.85 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		135	
	noble metal	gold	7440-57-5	0.405	0.05		525	
	inorganic material	silicon	7440-21-3	3.883	0.50	0.56	5038	5698
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		164	
	non noble metal	iron	7439-89-6	0.421	0.05		546	
	non noble metal	copper	7440-50-8	420.040	54.50	54.57	544904	545614
wire	non noble metal	aluminium	7429-90-5	16.262	2.11	2.11	21097	21097
encapsulation	inorganic material	zincoxide	1314-13-2	3.226	0.42		4185	
	miscellaneous	miscellaneous	-	12.904	1.67		16740	
	plastics	epoxy resin	-	48.391	6.28		62775	
	inorganic material	silicondioxide	60676-86-0	258.083	33.48	41.85	334802	418502
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8405	8405
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	682	684
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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