

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPDQ60R010S7A	**Issued**	24. February 2022
MA#	MA005709142		
Package	PG-HDSOP-22-1	**Weight***	2175.02 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	0.502	0.02		231	
	noble metal	gold	7440-57-5	1.946	0.09		895	
	inorganic material	silicon	7440-21-3	15.266	0.70	0.81	7019	8145
leadframe	inorganic material	phosphorus	7723-14-0	0.428	0.02		197	
	non noble metal	iron	7439-89-6	1.428	0.07		656	
	non noble metal	copper	7440-50-8	1,425.672	65.54	65.63	655473	656326
wire	non noble metal	aluminium	7429-90-5	24.046	1.11	1.11	11056	11056
encapsulation	inorganic material	zincoxide	1314-13-2	6.932	0.32		3187	
	miscellaneous	miscellaneous	-	34.658	1.59		15935	
	plastics	epoxy resin	-	103.975	4.78		47804	
	inorganic material	silicondioxide	60676-86-0	547.600	25.18	31.87	251767	318693
leadfinish	non noble metal	tin	7440-31-5	12.211	0.56	0.56	5614	5614
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.359	0.02	0.02	165	166
*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.
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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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