

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDDD04G65C6	**Issued**	08. April 2022
MA#	MA001680812		
Package	PG-HDSOP-10-1	**Weight***	760.04 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	siliconcarbide	409-21-2	0.297	0.04	0.04	391	391
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		52	
	non noble metal	iron	7439-89-6	0.131	0.02		172	
	non noble metal	copper	7440-50-8	130.618	17.19	17.22	171857	172081
wire	non noble metal	aluminium	7429-90-5	0.273	0.04	0.04	360	360
encapsulation	inorganic material	zincoxide	1314-13-2	3.445	0.45		4533	
	miscellaneous	miscellaneous	-	17.227	2.27		22667	
	plastics	epoxy resin	-	51.682	6.80		68000	
	inorganic material	silicondioxide	60676-86-0	272.192	35.81	45.33	358131	453331
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11191	11191
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.130	0.02	0.02	171	172
heatspreader	inorganic material	phosphorus	7723-14-0	0.083	0.01		109	
	non noble metal	iron	7439-89-6	0.275	0.04		362	
	non noble metal	copper	7440-50-8	275.137	36.18	36.23	362003	362474
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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.
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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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