



Material Content Data Sheet



Sales Product Name				DPS368		Issued		9. January 2019	
MA#				MA002620936					
Package				PG-VLGA-8-2		Weight*		8.01 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip_1	inorganic material	silicon	7440-21-3	0.419	5.23	5.23	52345	52345	
chip_2	inorganic material	silicon	7440-21-3	0.443	5.53	5.53	55319	55319	
wire	noble metal	gold	7440-57-5	0.061	0.76	0.76	7554	7554	
substrate	plastics	bismaleimide triazine resin	-	0.201	2.51		25089		
	inorganic material	aluminiumhydroxide	21645-51-2	0.221	2.76		27598		
	inorganic material	glass fibre	-	0.382	4.77		47670		
plating	non noble metal	copper	7440-50-8	1.176	14.68	24.72	146817	247174	
	noble metal	gold	7440-57-5	0.034	0.43		4276		
	non noble metal	nickel	7440-02-0	0.039	0.49	0.92	4877	9153	
lid attach material	plastics	acrylic resin	-	0.008	0.10		1031		
	plastics	maleimide resin	-	0.008	0.10		1031		
	noble metal	silver	7440-22-4	0.025	0.31	0.51	3094	5156	
lid	inorganic material	sulfur	7704-34-9	0.000	0.00		29		
	inorganic material	phosphorus	7723-14-0	0.001	0.01		86		
	organic material	carbon	7440-44-0	0.001	0.01		143		
	inorganic material	silicon	7440-21-3	0.015	0.19		1889		
	non noble metal	manganese	7439-96-5	0.023	0.29		2862		
	organic material	carbon black	1333-86-4	0.112	1.39		13934		
	non noble metal	nickel	7440-02-0	0.212	2.65		26471		
	non noble metal	chromium	7440-47-3	0.436	5.44		54374		
	plastics	liquid cristal polymer	-	0.781	9.75		97536		
	inorganic material	glass fibre wool	65997-17-3	1.340	16.72		167204		
glue	non noble metal	iron	7439-89-6	1.605	20.04	56.49	200324	564852	
	plastics	silicone	-	0.147	1.83	1.83	18321	18321	
tape	plastics	epoxy resin	-	0.090	1.12	1.12	11233	11233	
solder resists	plastics	epoxy resin	-	0.054	0.67		6703		
	inorganic material	bariumsulfate	7727-43-7	0.082	1.03		10286		
	plastics	acrylic resin	-	0.095	1.19	2.89	11904	28893	
*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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