



## Material Content Data Sheet



<b>Sales Product Name</b>		DPS422		<b>Issued</b>		4. July 2019		
<b>MA#</b>		MA001660468						
<b>Package</b>		PG-WLGA-8-1		<b>Weight*</b>		8.50 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.973	11.44	11.44	114434	114434
wire	noble metal	gold	7440-57-5	0.019	0.22	0.22	2187	2187
leadfinish	noble metal	gold	7440-57-5	0.041	0.48		4780	
	non noble metal	nickel	7440-02-0	0.046	0.55	1.03	5451	10231
substrate	inorganic material	aluminiumhydroxide	21645-51-2	0.240	2.82		28233	
	plastics	epoxy bismaleimide triazine resin	-	0.275	3.24		32416	
	inorganic material	glass fibre	-	0.373	4.39		43918	
plating	non noble metal	copper	7440-50-8	1.196	14.07	24.52	140670	245237
	noble metal	gold	7440-57-5	0.078	0.92		9222	
	non noble metal	nickel	7440-02-0	0.089	1.05	1.97	10518	19740
lid attach material	non noble metal	copper	7440-50-8	0.001	0.01		87	
	noble metal	silver	7440-22-4	0.004	0.05		520	
	non noble metal	tin	7440-31-5	0.142	1.67	1.73	16716	17323
lid	non noble metal	zinc	7440-66-6	1.636	19.25		192487	
	non noble metal	copper	7440-50-8	3.038	35.75	55.00	357476	549963
glue	plastics	silicone	-	0.157	1.84	1.84	18428	18428
solder resists	plastics	epoxy resin	-	0.044	0.52		5210	
	inorganic material	bariumsulfate	7727-43-7	0.068	0.80		7995	
	plastics	acrylic resin	-	0.079	0.93	2.25	9252	22457
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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