

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ISP650P06NM	**Issued**	13. April 2021
MA#	MA005414772		
Package	PG-SOT223-4-21	**Weight***	113.95 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	0.043	0.04		377	
	noble metal	gold	7440-57-5	0.167	0.15		1464	
	inorganic material	silicon	7440-21-3	1.890	1.66	1.85	16587	18428
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		89	
	non noble metal	titanium	7440-32-6	0.051	0.04		445	
	non noble metal	chromium	7440-47-3	0.152	0.13		1335	
	non noble metal	copper	7440-50-8	50.489	44.31	44.49	443066	444935
wire	non noble metal	copper	7440-50-8	0.089	0.08	0.08	783	783
encapsulation	organic material	carbon black	1333-86-4	0.591	0.52		5185	
	plastics	epoxy resin	-	8.863	7.78		77776	
	inorganic material	silicondioxide	60676-86-0	49.632	43.55	51.85	435544	518505
leadfinish	non noble metal	tin	7440-31-5	1.464	1.28	1.28	12847	12847
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4502	4502
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com