Material Content Data Sheet

RoHS

Sales Product Name	SPU07N60S5	**Issued**	28. August 2013
MA#	MA000851450		
Package	PG-TO251-3-21	**Weight***	352.07 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	4.565	1.30	1.30	12967	12967
leadframe	non noble metal	tin	7440-31-5	0.273	0.08		776	
	non noble metal	copper	7440-50-8	181.882	51.64	51.72	516608	517384
wire	non noble metal	aluminium	7429-90-5	0.890	0.25	0.25	2527	2527
encapsulation	organic material	carbon black	1333-86-4	1.322	0.38		3756	
	inorganic material	antimonytrioxide	1309-64-4	2.765	0.79		7854	
	plastics	brominated resin	-	3.126	0.89		8878	
	plastics	epoxy resin	-	22.843	6.49		64881	
	inorganic material	silicondioxide	60676-86-0	90.168	25.61	34.16	256109	341478
leadfinish	non noble metal	tin	7440-31-5	3.976	1.13	1.13	11292	11292
plating	non noble metal	nickel	7440-02-0	0.344	0.10	0.10	978	978
solder	noble metal	silver	7440-22-4	0.094	0.03		266	
	non noble metal	tin	7440-31-5	0.075	0.02		213	
	non noble metal	lead	7439-92-1	3.576	1.02	1.07	10156	10635
heatspreader	inorganic material	phosphorus	7723-14-0	0.011	0.00		31	
	non noble metal	iron	7439-89-6	0.036	0.01		103	
	non noble metal	copper	7440-50-8	36.124	10.26	10.27	102605	102739
*deviation	< 10%				Sum in total:	100,00		1000000

Important Remarks:

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