



## Material Content Data Sheet



<b>Sales Product Name</b>		BSZ060NE2LS		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001645288						
<b>Package</b>		PG-TSDSON-8-25		<b>Weight*</b>		35.30 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	0.194	0.55	0.55	5498	5498
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		70	
	non noble metal	zinc	7440-66-6	0.010	0.03		279	
	non noble metal	iron	7439-89-6	0.197	0.56		5573	
wire	non noble metal	copper	7440-50-8	7.988	22.63	23.23	226294	232216
	noble metal	gold	7440-57-5	0.031	0.09	0.09	884	884
	encapsulation	organic material	carbon black	1333-86-4	0.038	0.11		1087
encapsulation	plastics	epoxy resin	-	1.975	5.60		55957	
	inorganic material	silicondioxide	60676-86-0	17.164	48.61	54.32	486230	543274
leadfinish	non noble metal	tin	7440-31-5	0.395	1.12	1.12	11197	11197
plating	noble metal	silver	7440-22-4	0.020	0.06	0.06	576	576
solder	non noble metal	tin	7440-31-5	0.007	0.02		188	
	noble metal	silver	7440-22-4	0.008	0.02		235	
	non noble metal	lead	7439-92-1	0.317	0.90	0.94	8987	9410
heatspreader	inorganic material	phosphorus	7723-14-0	0.001	0.00		33	
	non noble metal	zinc	7440-66-6	0.005	0.01		133	
	non noble metal	iron	7439-89-6	0.094	0.27		2662	
	non noble metal	copper	7440-50-8	3.816	10.81	11.09	108097	110925
heat sink CLIP	inorganic material	phosphorus	7723-14-0	0.001	0.00		26	
	non noble metal	zinc	7440-66-6	0.004	0.01		103	
	non noble metal	iron	7439-89-6	0.073	0.21		2064	
	non noble metal	copper	7440-50-8	2.959	8.38	8.60	83827	86020
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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