



Material Content Data Sheet



Sales Product Name		ESD110-B1-02EL E6327		Issued		1. August 2018		
MA#		MA001613154						
Package		PG-TSLP-2-20		Weight*		0.61 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	0.001	0.11		1137	
	noble metal	gold	7440-57-5	0.003	0.44		4412	
	inorganic material	silicon	7440-21-3	0.022	3.58	4.13	35764	41313
leadframe	non noble metal	nickel	7440-02-0	0.241	39.23	39.23	392347	392347
wire	noble metal	gold	7440-57-5	0.006	0.91	0.91	9148	9148
	encapsulation	organic material	carbon black	1333-86-4	0.002	0.26		2590
	plastics	epoxy resin	-	0.046	7.51		75100	
		inorganic material	silicondioxide	60676-86-0	0.270	44.03	51.80	440240
leadfinish	noble metal	gold	7440-57-5	0.010	1.70	1.70	16989	16989
plating	noble metal	palladium	7440-05-3	0.003	0.53		5284	
	noble metal	gold	7440-57-5	0.010	1.70	2.23	16989	22273
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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 does not use any exemption

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