



Material Content Data Sheet



Halogen-Free

Sales Product Name	ESD203-B1-02EL E6327	Issued	10. May 2021
MA#	MA001612598		
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_1	non noble metal	tin	7440-31-5	0.000	0.06		570	
	noble metal	gold	7440-57-5	0.001	0.22		2207	
	inorganic material	silicon	7440-21-3	0.011	1.79	2.07	17897	20674
chip_2	non noble metal	tin	7440-31-5	0.000	0.06		570	
	noble metal	gold	7440-57-5	0.001	0.22		2207	
	inorganic material	silicon	7440-21-3	0.011	1.79	2.07	17897	20674
leadframe	non noble metal	nickel	7440-02-0	0.241	39.27	39.27	392651	392651
wire	noble metal	gold	7440-57-5	0.005	0.83	0.83	8288	8288
encapsulation	organic material	carbon black	1333-86-4	0.002	0.26		2592	
	inorganic material	zink oxide	1314-13-2	0.003	0.52		5184	
	miscellaneous	miscellaneous	-	0.005	0.78		7776	
	plastics	epoxy resin	-	0.035	5.70		57026	
	inorganic material	silicondioxide	60676-86-0	0.273	44.57	51.83	445843	518421
leadfinish	noble metal	gold	7440-57-5	0.010	1.70	1.70	17002	17002
plating	noble metal	palladium	7440-05-3	0.003	0.53		5288	
	noble metal	gold	7440-57-5	0.010	1.70	2.23	17002	22290
*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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