



Material Content Data Sheet



Halogen-Free

Sales Product Name	ESD110-B1-02EL E6327	Issued	10. May 2021
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_1	non noble metal	tin	7440-31-5	0.000	0.06		569	
	noble metal	gold	7440-57-5	0.001	0.22		2205	
	inorganic material	silicon	7440-21-3	0.011	1.79	2.07	17883	20657
chip_2	non noble metal	tin	7440-31-5	0.000	0.06		569	
	noble metal	gold	7440-57-5	0.001	0.22		2205	
	inorganic material	silicon	7440-21-3	0.011	1.79	2.07	17883	20657
leadframe	non noble metal	nickel	7440-02-0	0.241	39.23	39.23	392346	392346
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	
	inorganic material	zink oxide	1314-13-2	0.003	0.52		5180	
	miscellaneous	miscellaneous	-	0.005	0.78		7770	
	plastics	epoxy resin	-	0.035	5.70		56972	
	inorganic material	silicondioxide	60676-86-0	0.273	44.53	51.79	445418	517930
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.

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