



## Material Content Data Sheet



Halogen-Free

Sales Product Name	ESD242-B1-W01005 E6327	Issued	10. May 2021
MA#	MA001632398		
Package	SG-WLL-2-2	Weight*	0.04 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	0.039	91.63	91.63	916185	916185
pad	inorganic material	silicon	7440-21-3	0.000			23	
	non noble metal	copper	7440-50-8	0.000			47	
	inorganic material	phosphorus	7723-14-0	0.000	0.13		1328	
	noble metal	gold	7440-57-5	0.000	0.14		1398	
	non noble metal	aluminium	7429-90-5	0.000	0.53		5336	
	noble metal	palladium	7440-05-3	0.000	0.87		8715	
	non noble metal	nickel	7440-02-0	0.003	6.40	8.07	63985	80832
passivation	inorganic material	silicon dioxide	60676-86-0	0.000	0.11		1072	
	inorganic material	silicon nitride	12033-89-5	0.000	0.19	0.30	1911	2983
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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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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