



Material Content Data Sheet



Sales Product Name		ILD4001 E6327		Issued		22. January 2018		
MA#		MA001173804						
Package		PG-SC74-6-4		Weight*		13.03 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	0.009	0.07		719	
	noble metal	gold	7440-57-5	0.036	0.28		2790	
	inorganic material	silicon	7440-21-3	0.444	3.40	3.75	34046	37555
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		85	
	non noble metal	titanium	7440-32-6	0.006	0.04		428	
	non noble metal	chromium	7440-47-3	0.017	0.13		1283	
	non noble metal	copper	7440-50-8	5.548	42.58	42.76	425777	427573
wire	noble metal	gold	7440-57-5	0.031	0.24	0.24	2405	2405
encapsulation	organic material	carbon black	1333-86-4	0.052	0.40		3977	
	plastics	brominated resin	-	0.065	0.50		4972	
	inorganic material	antimonytrioxide	1309-64-4	0.130	0.99		9944	
	plastics	epoxy resin	-	1.373	10.54		105401	
	inorganic material	silicondioxide	60676-86-0	4.859	37.29	49.72	372882	497176
leadfinish	non noble metal	tin	7440-31-5	0.299	2.30	2.30	22980	22980
plating	noble metal	silver	7440-22-4	0.160	1.23	1.23	12311	12311
*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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