



Material Content Data Sheet



Sales Product Name		ESD5V3U4RRS H6327		Issued		20. July 2018		
MA#		MA001610902						
Package		PG-SOT363-6-4		Weight*		6.27 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.005	0.07		747	
	non noble metal	arsenic	7440-38-2	0.000	0.00		7	
	inorganic material	silicon	7440-21-3	0.026	0.41	0.48	4100	4854
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		92	
	non noble metal	titanium	7440-32-6	0.003	0.05		458	
	non noble metal	chromium	7440-47-3	0.009	0.14		1375	
	non noble metal	copper	7440-50-8	2.860	45.65	45.85	456434	458359
wire	non noble metal	copper	7440-50-8	0.014	0.23	0.23	2312	2312
encapsulation	organic material	carbon black	1333-86-4	0.031	0.49		4909	
	plastics	epoxy resin	-	0.661	10.55		105542	
	inorganic material	silicondioxide	60676-86-0	2.384	38.04	49.08	380441	490892
leadfinish	non noble metal	tin	7440-31-5	0.213	3.40	3.40	34030	34030
plating	noble metal	silver	7440-22-4	0.060	0.96	0.96	9553	9553
*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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