



Material Content Data Sheet



Sales Product Name		BFP 640ESD H6327		Issued		20. July 2018		
MA#		MA001351772						
Package		PG-SOT343-4-2		Weight*		6.93 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	0.003	0.04		393	
	non noble metal	tin	7440-31-5	0.001	0.01		101	
	inorganic material	silicon	7440-21-3	0.020	0.29	0.34	2915	3409
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		100	
	non noble metal	titanium	7440-32-6	0.003	0.05		497	
	non noble metal	chromium	7440-47-3	0.010	0.15		1492	
	non noble metal	copper	7440-50-8	3.433	49.53	49.74	495318	497407
wire	noble metal	gold	7440-57-5	0.011	0.16	0.16	1585	1585
encapsulation	organic material	carbon black	1333-86-4	0.030	0.44		4373	
	plastics	epoxy resin	-	0.652	9.40		94018	
	inorganic material	silicondioxide	60676-86-0	2.349	33.89	43.73	338902	437293
leadfinish	non noble metal	tin	7440-31-5	0.202	2.91	2.91	29104	29104
plating	noble metal	silver	7440-22-4	0.216	3.12	3.12	31202	31202
*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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