



Material Content Data Sheet



Halogen-Free

Sales Product Name XMC1402-F064X0200 AA

Issued

23. June 2021

MA# MA005542743

Package PG-LQFP-64-26

Weight*

362.04 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	2.892	0.80	0.80	7990	7990
leadframe	inorganic material	phosphorus	7723-14-0	0.031	0.01		85	
	non noble metal	zinc	7440-66-6	0.123	0.03		340	
	non noble metal	iron	7439-89-6	2.465	0.68		6807	
	non noble metal	copper	7440-50-8	100.070	27.64	28.36	276410	283642
wires	noble metal	palladium	7440-05-3	0.006			16	
	non noble metal	copper	7440-50-8	0.563	0.16	0.16	1555	1571
encapsulation	organic material	carbon black	1333-86-4	0.751	0.21		2073	
	plastics	epoxy resin	-	29.273	8.09		80856	
	inorganic material	silicondioxide	60676-86-0	220.171	60.80	69.10	608148	691077
leadfinish	non noble metal	tin	7440-31-5	4.118	1.14	1.14	11374	11374
plating	noble metal	silver	7440-22-4	0.434	0.12	0.12	1199	1199
glue	plastics	epoxy resin	-	0.285	0.08		787	
	noble metal	silver	7440-22-4	0.854	0.24	0.32	2360	3147
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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