



## Material Content Data Sheet



Halogen-Free

**Sales Product Name** IR38265MTRPBF

**Issued**

11. August 2021

**MA#** MA005583364

**Package** PG-IQFN-34-900

**Weight\***

118.34 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.793	0.67	0.67	6697	6697
chip_2	inorganic material	silicon	7440-21-3	0.278	0.23	0.23	2349	2349
chip_3	inorganic material	silicon	7440-21-3	3.873	3.27	3.27	32732	32732
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		110	
	non noble metal	zinc	7440-66-6	0.052	0.04		441	
	non noble metal	iron	7439-89-6	1.043	0.88		8810	
	non noble metal	copper	7440-50-8	42.333	35.77	36.70	357725	367086
wire	noble metal	gold	7440-57-5	0.504	0.43	0.43	4262	4262
encapsulation	organic material	carbon black	1333-86-4	0.103	0.09		874	
	plastics	epoxy resin	-	5.327	4.50		45010	
	inorganic material	silicondioxide	60676-86-0	46.284	39.14	43.73	391108	436992
leadfinish	noble metal	palladium	7440-05-3	0.001			12	
	noble metal	gold	7440-57-5	0.002			19	
	non noble metal	nickel	7440-02-0	0.041	0.03	0.03	345	376
	noble metal	palladium	7440-05-3	0.001			12	
plating	noble metal	gold	7440-57-5	0.002			20	
	non noble metal	nickel	7440-02-0	0.042	0.04		356	
	noble metal	silver	7440-22-4	0.604	0.51	0.55	5103	5491
	noble metal	silver	7440-22-4	0.132	0.11		1116	
solder	non noble metal	tin	7440-31-5	0.264	0.22		2232	
	non noble metal	lead	7439-92-1	4.887	4.13	4.46	41292	44640
	inorganic material	phosphorus	7723-14-0	0.004			30	
heat sink clip	non noble metal	zinc	7440-66-6	0.014	0.01		119	
	non noble metal	iron	7439-89-6	0.282	0.24		2385	
	non noble metal	copper	7440-50-8	11.460	9.68	9.93	96841	99375
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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