

**Bare Die
Package Material Declaration**



Date	09-Mar-17	Product name	Integrated Circuit
Package Code	UF	RoHS Compliant	Y
Package Name	Die on foil	Halogen Free	Y
Product Total Mass (g)	0.0225	Plating	-

Product Number	MLX90819
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Material Declaration

Part Name	Material Name	Component Weight (g)	Material Component (Element)	CAS #	Element ratio (%)	Material Weight (g)	Ratio total Wt (ppm)
Die	Silicon IC	0.0126	Silicon (Si)	7440-21-3	99.99	0.01255	558024
			other	-	0.01	0.000001	56
Glass Wafer	Glass	0.0099	Silicon dioxide (SiO2)	7631-86-9	81	0.00805	357955
			Aluminium oxid (Al2O3)	1344-28-1	3	0.00030	13258
			Sodium oxide (Na2O)	1313-59-3	4	0.00040	17677
			Boron trioxide (B2O3)	1303-86-2	12	0.00119	53030

Total package weight (g) 0.0225

Comments

- Composition derived from MSDS and material CoC from vendors
- Component weight based on assembly of generic parts
- Reliability qualification reports are available upon request through the appropriate sales or marketing contact
- Third party testing for RoHS substances are available upon request to environment@melexis.com

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