

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Die	Doped silicon	Silicon (Si)	7440-21-3	0.47	100.0	1.6
				Subtotal	0.47	100
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.04	100.0	0.15
				Subtotal	0.04	100
Post-plating	Pure metal	Tin (Sn)	7440-31-5	3.53	100.0	12
				Subtotal	3.53	100
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.02	0.03	0.05
	Copper alloy	Nickel (Ni) - cas no. 7440-02-0	7440-02-0	0.02	0.03	0.05
	Copper alloy	Iron (Fe)	7439-89-6	0.05	0.1	0.17
	Copper alloy	Copper (Cu)	7440-50-8	51.17	99.84	173.92
				Subtotal	51.26	100
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	2.64	6.0	8.96
	Polymer	Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)	25928-94-3	3.07	7.0	10.45
	Filler	Silica fused	60676-86-0	37.77	86.0	128.4
	Carbon Black	Carbon black	1333-86-4	0.44	1.0	1.49
				Subtotal	43.92	100
Die Attach	Lead alloy	Tin (Sn)	7440-31-5	0.01	2.0	0.04
	Lead alloy	Silver (Ag)	7440-22-4	0.01	2.5	0.05
	Lead alloy	Lead (Pb)	7439-92-1	0.55	95.5	1.86
				Subtotal	0.57	100
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.21	100.0	0.72
				Subtotal	0.21	100
				Total	100	100
						339.91

Disclaimer

All information in this document is furnished for exploratory or indicative purposes only. All information in this document is believed to be accurate and reliable. However, WeEn Semiconductors does not give any representations or warranties as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information. WeEn Semiconductors may make changes to information published in this document at any time and without notice. Minor deviations may occur in the products from different manufacturing location. This document supersedes and replaces all information supplied prior to the publication hereof. Nothing in this document may be interpreted or construed as an offer to sell products that is open for acceptance or the grant, conveyance or implication of any license under any copyrights, patents or other industrial or intellectual property rights.