

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.02	0.03	1.2
	Copper alloy	Iron (Fe)	7439-89-6	0.07	0.1	3.99
	Copper alloy	Copper (Cu)	7440-50-8	66.73	99.87	3984.81
Subtotal				66.82	100	3990
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	2.08	6.5	124.34
	Polymer	Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)	29690-82-2	5.13	16.0	306.08
	Filler	Silica fused	60676-86-0	22.74	71.0	1358.23
	Flame retardant	Metal hydroxide		2.08	6.5	124.34
Subtotal				32.03	100	1912.99
Post-plating	Lead alloy	Tin (Sn)	7440-31-5	0.37	100.0	22
Subtotal				0.37	100	22
Solder Wire	Lead alloy	Tin (Sn)	7440-31-5	0.02	5.0	0.91
	Lead alloy	Silver (Ag)	7440-22-4	0.01	2.5	0.46
	Lead alloy	Lead (Pb)	7439-92-1	0.28	92.5	16.84
Subtotal				0.31	100	18.21
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.17	100.0	10.37
Subtotal				0.17	100	10.37
Die	Metal oxide	Lead Dioxide (PbO2)	1309-60-0	0	0.5	0.09
	Doped Silicon	Silicon (Si)	7440-21-3	0.3	99.5	18.09
Subtotal				0.3	100	18.18
Total				100	100	5971.75

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.