

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Die	Doped silicon	Silicon (Si)	7440-21-3	1.49421	100.0	0.45
			<b>Subtotal</b>	<b>1.49421</b>	<b>100</b>	<b>0.45</b>
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.02865	0.03	0.00863
	Copper alloy	Iron (Fe)	7439-89-6	0.0955	0.1	0.02876
	Copper alloy	Copper (Cu)	7440-50-8	95.32486	99.82	28.70823
	Copper alloy	Silver (Ag)	7440-22-4	0.04775	0.05	0.01438
			<b>Subtotal</b>	<b>95.49676</b>	<b>100</b>	<b>28.76</b>
Mould Compound	Polymer	Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)	29690-82-2	0	11.5	0
	Filler	Silica -amorphous-	7631-86-9	0	8.0	0
	Filler	Silica fused	60676-86-0	0	80.0	0
	Carbon Black	Carbon black	1333-86-4	0	0.5	0
			<b>Subtotal</b>	<b>0</b>	<b>100</b>	<b>0</b>
Post-plating	Lead alloy	Tin (Sn)	7440-31-5	2.85561	100.0	0.86
			<b>Subtotal</b>	<b>2.85561</b>	<b>100</b>	<b>0.86</b>
Die Attach		2-Butoxyethyl acetate	112-07-2	0	8.0	0
	Polymer	Epoxy resin system		0	8.0	0
	Lead alloy	Silver (Ag)	7440-22-4	0	84.0	0
			<b>Subtotal</b>	<b>0</b>	<b>100</b>	<b>0</b>
Wire	Impurity	Non hazardous		0.00002	0.01	0
	Pure metal	Copper (Cu)	7440-50-8	0.15341	99.99	0.0462
			<b>Subtotal</b>	<b>0.15343</b>	<b>100</b>	<b>0.0462</b>
			<b>Total</b>	<b>100.00001</b>	<b>100</b>	<b>30.1162</b>

#### 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.