

Type number	Package	Package description	Total product weight
BUK762R9-40E	SOT404	D2PAK	1440.27590 mg

12NC	Version	Pb-free soldering			Pb soldering			Number of processing cycles	Assembly site	RHF-indicator	
		MSL	PPT	MPPT	MSL	PPT	MPPT				
934066435118	11	1	245	30 s	1	245	20 s	3	Cabuyao, Philippines; Hsin-chu, Taiwan; D-22529 HAMBURG, Germany; Manchester, United Kingdom	IMG	

Subpart	Material group	Substances	CAS number	Mass(mg)	Mass(%) of subpart	Mass(%) of total product
Die	Doped silicon	Silicon (Si)	7440-21-3	5.70000	100.00000	0.39576
		subTotal		5.70000	100.00000	0.39576
Lead Frame	Copper alloy	Copper (Cu)	7440-50-8	822.50998	98.97000	57.10781
		Iron (Fe)	7439-89-6	0.83107	0.10000	0.05770
		Nickel (Ni) - cas no. 7440-02-0	7440-02-0	5.73438	0.69000	0.39814
		Phosphorous (P)	7723-14-0	1.99457	0.24000	0.13849
		subTotal		831.07000	100.00000	57.70214
Mould Compound	Additive	Bromine atom (Br)	10097-32-2	5.70520	1.00000	0.39612
	Filler	Misc. Silica compounds (generic)	14808-60-7	439.30040	77.00000	30.50113
	Flame retardant	Antimony Trioxide (Sb2O3) - cas no. 1309-64-4	1309-64-4	11.41040	2.00000	0.79224
	Polymer	Epoxy resin system	Proprietary	114.10400	20.00000	7.92237
		subTotal		570.52000	100.00000	39.61186
Post-Plating	Pure metal	Tin (Sn)	7440-31-5	19.79000	100.00000	1.37404
		subTotal		19.79000	100.00000	1.37404
Solder Wire	Lead alloy	Lead (Pb)	7439-92-1	6.48897	93.50000	0.45054
		Silver (Ag)	7440-22-4	0.10410	1.50000	0.00723
		Tin (Sn)	7440-31-5	0.34700	5.00000	0.02409
		subTotal		6.94008	100.00000	0.48186
Wire	Impurity	Non hazardous	Proprietary	0.00060	0.01000	0.00004
	Pure metal	Aluminium (Al)	7429-90-5	6.00011	99.99000	0.41659
		subTotal		6.00071	100.00000	0.41663
Wire	Impurity	Non hazardous	Proprietary	0.00003	0.01000	0.00000
	Pure metal	Aluminium (Al)	7429-90-5	0.25511	99.99000	0.01771
		subTotal		0.25513	100.00000	0.01771

#### Note(s):

1) This is a generic description of the substance used as the actual composition of the substances are either considered proprietary or no official CAS number is available. If a CAS number is given, it is the closest match available.

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