

MSDS [SMD material composition analysis table]

Attachment 10

KK-S1 (Reply Sheet 1)

Composing List of Products & Parts (Environmental Assessment)

Company / Department

Person in charge

Composed part/ material name	The homogeneous material name in the component weigh	weight ratio II(%)	Material Composition Information			ROHS test information							
			Each substance in a homogeneous material name/weight	CAS NO.	weight ratio II(%)	Third Party Test Report Number	Report date	Pb (ppm)	Cd (ppm)	Hg (ppm)	Cr (ppm)	PBBs (ppm)	PBDEs (ppm)
PCB 0.57	BT board		BT board	-	25	CANEC2215332302	2022.07.22	ND	ND	ND	ND	ND	ND
	Cu		Cu	7440-50-8	54.9								
	Ni		Ni	7440-02-0	15								
	Ag		Ag	7440-22-4	5								
	epoxy resin		epoxy resin	244772-00-7	99.99								
Insulating glue 0.04762	GaP		GaP	7440-55-3	99.5	CANEC2219196719	2022.09.26	ND	ND	ND	ND	ND	ND
chip 0.01507	Au		Au	7440-57-5	0.1								
	Pt		Pt	7440.06.04	0.01								
	Al		Al	7429-90-5	0.39								
	alloy		Ag	7440-50-8	99.99	XMNML2300501501	2023.04.11	ND	ND	ND	Negative	ND	ND
Alloy wire 0.0238			Au	7440.05.03									
	Bisphenol A type epoxy resin		Bisphenol A epoxy resin	25068-38-6	44	TSNEC2300521804	2023.03.13	ND	ND	ND	ND	ND	ND
Rubber cake 0.387	Cycloaliphatic Cycloresin		Cycloaliphatic Cycloresin		34								
	Anhydride		Anhydride	85-43-8	21								
	Di-tert-butyl-p-cresol		Di-tert-butyl-p-cresol	128-37-0	1								
	polyethylene terephthalate		Bisphenol A epoxy resin	25038-59-9	20								
cover tape	vinyl resin		Cycloaliphatic Cycloresin		45	SHAEC2217330930	2022.12.23	ND	ND	ND	ND	ND	ND
	Styrene resin		Anhydride		34								
		Antistatic fluid		Di-tert-butyl-p-cresol									
	ABS resin		ABS resin	9003-56-9	70	SHAEC23003352516	2023.03.31	ND	ND	ND	ND	ND	ND
carrier tape	Conductive Masterbatch		Conductive Masterbatch	1333-86-4	20								
	black masterbatch		black masterbatch	9003-53-6	10								
	PC		PC	13463-67-7	99.99	CANEC2227918907	2023.01.09	ND	ND	ND	ND	ND	ND

* Calculate the value to 0.01%