

Materials Composition Declaration (MCD) Form

Product Name : nRF8001-R1Q32 & nRF8001-R2Q32
 Date : 11/4/2010
 Prepared by : Lito del Mundo
 Package : MLF 5x5x0.85 32lds

Chemical Group	Material Weight (g)	Chemical Name	CAS Number	Mass In Product (g)	Concentration In Product (PPM)	% in Homogeneous Material
Mold Compound (EME-G700)	0.0237	Multi-aromatic Resin	-	0.00379	55,923	16.0
		Fused Silica (SiO ₂)	60676-86-0	0.01991	293,595	84.0
Frame (CDA 194)	0.0367	Copper (Cu)	7440-50-8	0.03579	527,815	97.50
		Iron (Fe)	7439-89-6	0.00086	12,722	2.35
		Phosphorus (P)	7723-14-0	0.00001	162	0.03
		Zinc (Zn)	7440-66-6	0.00004	650	0.12
Frame Plating	0.0003	Silver Plating	7440-22-4	0.00032	4,720	100.0
Die Attach (AMK-06)	0.0010	Resin	-	0.00020	2,892	20.0
		Silver (Ag)	7440-22-4	0.00078	11,570	80.0
Wire (M-Type)	0.0005	Gold (Au)	7440-57-5	0.00054	7,940	99.99
External Plating	0.0013	Tin (Sn)	7440-31-5	0.00127	18,697	100.0
Total :	0.0635					