

Material Declaration Form

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Ordering Code	Package Family	Assembly Material Number	Lead Count	Weight (mg)	Manufacturing Country	Halogen Free	EU RoHS	China RoHS	Release Status	Version
CMV50000-1E3M1PN	PGA	302390004	141	16,579	Japan	YES	YES	YES	FULL	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
IC	2,270	Si	Silicon	100.00	7440-21-3	2270.00000	13.69202	136920
Subtotal:				100.00		2270.00000	13.69202	136920
Adhesive	50	SiO2	Silica	49.50	7631-86-9	24.75000	0.14929	1493
			Carbon Black	0.50	1333-86-4	0.25000	0.00151	15
			Epoxy Resin	50.00	25068-38-6	25.00000	0.15079	1508
Subtotal:				100.00		50.00000	0.30159	3016
Wire	9	Au	Gold	100.00	7440-57-5	9.00000	0.05429	543
Subtotal:				100.00		9.00000	0.05429	543
Ceramic Package	14,250	Ag	Silver	0.60	7440-22-4	85.50000	0.51571	5157
		Al2O3	Aluminum Oxide	78.50	1344-28-1	11186.25000	67.47240	674724
		Au	Gold	0.20	7440-57-5	28.50000	0.17190	1719
		Co	Cobalt	0.10	7440-48-4	14.25000	0.08595	860
		Cr2O3	Chromium Oxide	1.30	1308-38-9	185.25000	1.11738	11174
		Cu	Copper	0.10	7440-50-8	14.25000	0.08595	860
		Fe	Iron	3.90	7439-89-6	555.75000	3.35213	33521
		Mo	Molybdenum	0.30	7439-98-7	42.75000	0.25786	2579
		Ni	Nickel	3.10	7440-02-0	441.75000	2.66452	26645
		SiO2	Silicon Dioxide	6.60	7631-86-9	940.50000	5.67284	56728
W	Tungsten	5.30	7440-33-7	755.25000	4.55546	45555		
Subtotal:				100.00		14250.00000	85.95211	859521
Total:	16,579					16,579.00	100.00000	1000000

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