

PEREGRINE MATERIAL DECLARATION FORM

Package:	8L MSOP
RoHS Compliant	Yes
Lead Finish	100% Matt Tin
Peak Reflow Temp	260 degree C
Time at Peak Temp	20 Sec
Max No. of Reflow	Three
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Package					
Leadframe 401114	Cu	7440-50-8	9.50297	38.30%	383,012
	Ni	7440-02-0	0.29635	1.19%	11,944
	Si	7440-21-3	0.06421	0.26%	2,588
	Mg	7439-95-4	0.01482	0.06%	597
	Ag (weight estimate)	7440-22-4	0.24750	1.00%	9,975
Die attach material	Silver (70 - 85)	7440-22-4	0.22088	0.89%	8,902
	Epoxy Resin (5 - 25)	Proprietary	0.04275	0.17%	1,723
	Aromatic Amine (1 - 10)	Proprietary	0.01568	0.06%	632
Gold Wire	Au	7440-57-5	0.10449	0.42%	4,211
	Ag	7440-22-4	0.00003	0.00%	1
	Cu	7440-50-8	0.00003	0.00%	1
	Fe	7439-89-6	0.00005	0.00%	2
	Mg	7439-95-4	0.00003	0.00%	1
	Ca	7440-70-2	0.00003	0.00%	1
	Be	7440-41-7	0.00013	0.00%	5
100% Matte Tin Lead Finish	Sn	7440-31-5	0.84854	3.42%	34,200
Mold Compound	Silica Fused (75 - 95)	60676-86-0	11.75210	47.37%	473,662
	Epoxy Resin (2 - 8)	Trade secret	0.69130	2.79%	27,862
	Epoxy, Cresol Novolac (1 - 3)	29690-82-2	0.27652	1.11%	11,145
	Phenol Resin (2 - 8)	Trade secret	0.69130	2.79%	27,862
	Carbon Black (0.1- 0.5)	1333-86-4	0.04148	0.17%	1,672
Total Weight (mg)			24.811161	100.00%	1,000,000