

PEREGRINE MATERIAL DECLARATION FORM

Product:	Package Only
Ordering Codes:	Package Only
Description:	Package Only
Package:	24L 4X4 QFN
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 421950	Cu:	7440-50-8	12.458200	29.69%	296,873
	Fe:	7439-89-6	0.300300	0.72%	7,156
	Zn:	7440-66-6	0.015300	0.04%	365
	P:	7723-14-0	0.003800	0.01%	91
	Ag (weight estimate):	7440-22-4	0.397800	0.95%	9,479
Die attach material	Silver (65 - 85):	7440-22-4	0.165700	0.39%	3,949
	Epoxy Resin (15 - 25):	9003-36-5	0.044200	0.11%	1,053
	t-Butyl phenyl glycidyl ether (5 - 10):	3101-60-8	0.016600	0.04%	396
	Phenolic hardener (1 - 2):	92-88-6	0.003300	0.01%	79
	Butyl cellosolve acetate (0.5 - 1.5):	112-07-2	0.002200	0.01%	52
Gold Wire	Au:	7440-57-5	0.260500	0.62%	6,208
	Ag:	7440-22-4	0.000045	0.00%	1
	Cu:	7440-50-8	0.000045	0.00%	1
	Fe:	7439-89-6	0.000090	0.00%	2
	Mg:	7439-95-4	0.000045	0.00%	1
	Ca:	7440-70-2	0.000045	0.00%	1
	Be:	7440-41-7	0.000224	0.00%	5
100% Matte Tin Lead Finish	Sn:	7440-31-5	0.658600	1.57%	15,694
Mold Compound	Silica Fused (75 - 95):	60676-86-0	25.829700	61.55%	615,509
	Epoxy Resin (1 - 5):	Trade secret	0.861000	2.05%	20,517
	Phenol Resin (1 - 5):	Trade secret	0.861000	2.05%	20,517
	Carbon Black (0.1- 0.5):	1333-86-4	0.086100	0.21%	2,052
Total Weight (mg)			41.964794	100.00%	999,999