

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE3502
Ordering Codes:	3502-51; 3502-52
Description:	Divide-by-4 Prescaler
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
Die					
	Sapphire:	1344-28-1	1.579662	5.98%	59,824
	Silicon:	7440-21-3	0.000093	0.00%	4
	Silicon Dioxide:	7631-86-9	0.007234	0.03%	274
	Silicon Nitride:	12033-89-5	0.002947	0.01%	112
	Tungsten Silicide:	12039-88-2	0.000081	0.00%	3
	Titanium:	7440-33-6	0.000225	0.00%	9
	Titanium Nitride:	25583-20-4	0.000523	0.00%	20
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu):	7429-90-5	0.003088	0.01%	117
	Arsenic:	7440-38-2	0.000001	0.00%	0
	Boron:	7440-42-8	0.000116	0.00%	4
	Phosphorous:	7723-14-0	0.000106	0.00%	4
Package					
Leadframe 401114	Cu	7440-50-8	9.50297	35.99%	359,890
	Ni	7440-02-0	0.29635	1.12%	11,223
	Si	7440-21-3	0.06421	0.24%	2,432
	Mg	7439-95-4	0.01482	0.06%	561
	Ag (weight estimate)	7440-22-4	0.24750	0.94%	9,373
Die attach material	Silver (70 - 85)	7440-22-4	0.22088	0.84%	8,365
	Epoxy Resin (5 - 25)	Proprietary	0.04275	0.16%	1,619
	Aromatic Amine (1 - 10)	Proprietary	0.01568	0.06%	594
Gold Wire	Au	7440-57-5	0.10449	0.40%	3,957
	Ag	7440-22-4	0.00003	0.00%	1