

## PEREGRINE MATERIAL DECLARATION FORM

<b>Product:</b>	PE42750
<b>Ordering Codes:</b>	PE42750MLAA-Z, PE42750MLAB-Z
<b>Description:</b>	75 Ω Terminated 5 - 2200 MHz SPDT CATV UltraCMOS® Switch Featuring Unpowered Operation
<b>Package:</b>	12L 3X3 QFN
<b>Environmental Compliance</b>	EU RoHS2 Directive 2011/65/EC, REACH - EU ECHA SVHC, Arsenic Free, JIG 101 - EIA/EICTA/JEITA, Halogen Free - IEC61249-2-21, PFOS Free - 2006/122/EC, Antimony Trioxide Free
<b>Lead Finish</b>	NiPdAu
<b>Availability</b>	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Die	Aluminum oxide	1344-28-1	0.450549	2.170920%	21,709.20
Die	Aluminum	7429-90-5	0.001370	0.006603%	66.03
Die	Silicon	7440-21-3	0.000091	0.000440%	4.40
Die	Arsenic	7440-38-2	0.000001	0.000005%	0.05
Die	Boron	7440-42-8	0.000001	0.000005%	0.05
Die	Phosphorus	7723-14-0	0.000002	0.000009%	0.09
Die	Titanium	7440-32-6	0.000228	0.001101%	11.01
Die	Tungsten	7440-33-7	0.004568	0.022012%	220.12
Die	Cobalt	7440-48-4	0.000009	0.000044%	0.44
Die	Copper	7440-50-8	0.000004	0.000018%	0.18
Leadframe	Silver	7440-22-4	0.002000	0.009637%	96.37
Leadframe	Copper	7440-50-8	9.968000	48.029703%	480,297.03
Leadframe	Zinc	7440-66-6	0.013000	0.062639%	626.39
Leadframe	Phosphorus	7723-14-0	0.008000	0.038547%	385.47
Leadframe	Iron	7439-89-6	0.240000	1.156413%	11,564.13
Plating	Nickel	7440-02-0	0.133000	0.640846%	6,408.46
Plating	Palladium	7440-05-3	0.005000	0.024092%	240.92
Plating	Gold	7440-57-5	0.003000	0.014455%	144.55
Die Attach	Bismaleimide Monomer	Trade Secret	0.005000	0.024092%	240.92
Die Attach	Acrylate Monomer	Trade Secret	0.105000	0.505931%	5,059.31
Die Attach	Silver	7440-22-4	0.139000	0.669756%	6,697.56
Gold Wire	Gold	7440-57-5	0.105000	0.505931%	5,059.31
Mold Compound	Epoxy Resin-1	Trade secret	0.335000	1.614160%	16,141.60
Mold Compound	Epoxy Resin-2	Trade secret	0.191000	0.920312%	9,203.12
Mold Compound	Phenol Resin	Trade secret	0.335000	1.614160%	16,141.60
Mold Compound	Silica	60676-86-0	7.686000	37.034139%	370,341.39
Mold Compound	Carbon black	1333-86-4	0.019000	0.091549%	915.49
Mold Compound	Metal Hydroxide	Trade secret	0.526000	2.534473%	25,344.73
Mold Compound	Others	-	0.479000	2.308008%	23,080.08
<b>Total Weight (mg)</b>			<b>20.747549</b>	100.000000%	1,000,000.00