

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE42724
Ordering Codes:	PE42724A-Z
Description:	UltraCMOS SPDT RF Switch, 5 - 1794 MHz
Package:	12L 3x3 QFN
Environmental Compliance	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
Lead Finish	NiPdAu
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Die	Aluminum oxide	1344-28-1	0.968640	5.53%	55,334.66
Die	Aluminum	7429-90-5	0.002946	0.02%	168.32
Die	Silicon	7440-21-3	0.000196	0.00%	11.22
Die	Arsenic	7440-38-2	0.000001	0.00%	0.06
Die	Boron	7440-42-8	0.000001	0.00%	0.06
Die	Phosphorus	7723-14-0	0.000004	0.00%	0.22
Die	Titanium	7440-32-6	0.000491	0.00%	28.05
Die	Tungsten	7440-33-7	0.009821	0.06%	561.05
Die	Cobalt	7440-48-4	0.000020	0.00%	1.12
Die	Copper	7440-50-8	0.000008	0.00%	0.45
Leadframe	Copper	7440-50-8	9.527000	54.42%	544,240.49
Leadframe	Nickel	7440-02-0	0.538000	3.07%	30,733.85
Leadframe	Silicon	7440-21-3	0.064000	0.37%	3,656.07
Leadframe	Magnesium	7439-95-4	0.015000	0.09%	856.89
Leadframe	Palladium	7440-05-3	0.006000	0.03%	342.76
Leadframe	Gold	7440-57-5	0.004000	0.02%	228.50
Die Attach	Proprietary Acrylates	Trade secret	0.023000	0.13%	1,313.90
Die Attach	Silver	7440-22-4	0.141000	0.81%	8,054.78
Die Attach	Proprietary Bismaleimide	Trade secret	0.005000	0.03%	285.63
Die Attach	Methacrylate Ester	Trade secret	0.005000	0.03%	285.63
Die Attach	Proprietary polymer	Trade secret	0.002000	0.01%	114.25
Wire	Gold	7440-57-5	0.251000	1.43%	14,338.65
Mold Compound	Multi-Aromatic Resin	Trade secret	0.832000	4.75%	47,528.93
Mold Compound	Silica fused	60676-86-0	5.110000	29.19%	291,914.44
Total Weight (mg)			17.505129	100.00%	1,000,000