

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE42426
Ordering Codes:	PE42426A-Z
Description:	UltraCMOS® SP2T RF Switch for Wireless Infrastructure
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					
Die	Aluminum oxide	1344-28-1	1.433217	7.9817%	79,817
Package					
Leadframe	Copper	7440-50-8	9.527000	53.0568%	530,568
	Nickel	7440-02-0	0.297000	1.6540%	16,540
	Silicon	7440-50-8	0.064000	0.3564%	3,564
	Magnesium	7439-95-4	0.015000	0.0835%	835
Leadframe plating	Nickel	7440-02-0	0.203000	1.1305%	11,305
	Palladium	7440-05-3	0.004000	0.0223%	223
	Gold	7440-57-5	0.001000	0.0056%	56
External plating	Nickel	7440-02-0	0.038000	0.2116%	2,116
	Palladium	7440-05-3	0.002000	0.0111%	111
	Gold	7440-57-5	0.003000	0.0167%	167
Die attach	Proprietary acrylates	trade secret	0.023000	0.1281%	1,281
	Silver	7440-22-4	0.141000	0.7852%	7,852
	Proprietary bismaleimide	trade secret	0.005000	0.0278%	278
	Methacrylate ester	trade secret	0.005000	0.0278%	278
	Proprietary polymer	trade secret	0.002000	0.0111%	111
Wire	Gold	7440-57-5	0.251000	1.3978%	13,978
Molding compound	Multi-aromatic resin	trade secret	0.832000	4.6335%	46,335
	Silica fused	60676-86-0	5.110000	28.4581%	284,581
Total Weight (mg)			17.956217	100.00%	1,000,000