

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE42612
Ordering Codes:	PE42612-90, PE42612-91
Description:	SP4T Wedge 2.6V Switch 100-3000 MHz
Package:	Flip Chip
RoHS Compliant	Yes
Solder Bump	SnAgCu Alloy
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Die					
	Sapphire:	1344-28-1	0.928000	98.06%	980,558
	Silicon	7440-21-3	0.000269	0.03%	256
	Silicon Dioxide	7631-86-9	0.004830	0.46%	4,603
	Silicon Nitride	12033-89-5	0.002000	0.19%	1,906
	Tungsten Silicide	12039-88-2	0.000366	0.03%	349
	Titanium	7440-33-6	0.000200	0.02%	191
	Titanium Nitride	25583-20-4	0.000507	0.05%	483
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu)	7429-90-5	0.002710	0.26%	2,582
	Arsenic	7440-38-2	0.000211	0.02%	201
	Boron	7440-42-8	0.000129	0.01%	123
	Phosphorous	7723-14-0	0.000069	0.01%	65
Solder Bumps					
	Sn	7440-31-5	0.008540	0.81%	8,137
	Ag	7440-22-4	0.000451	0.04%	430
	Cu	7440-50-8	0.000110	0.01%	105
	BCB	694-87-1	0.000010	0.00%	10
	UBM	N/A	0.000001	0.00%	1
Total Weight (mg)			0.948403	100%	1,000,000