

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE42525
Ordering Codes:	PE42525A-X
Description:	UltraCMOS® SPDT RF Switch, 9 kHz–60 GHz
Package:	Flip Chip
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	Solder Bump
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Die					
Die	Silicon	7440-21-3	2.537466	97.5099%	975,099
Package					
Sputter	Titanium	7440-32-6	0.000100	0.0038%	38
	Tungsten	7440-33-7	0.000100	0.0038%	38
	Copper	7440-50-8	0.000200	0.0077%	77
Polyimide	Proprietary polymer	-	0.027600	1.0606%	10,606
UBM	Nickel	7440-02-0	0.001500	0.0576%	576
Solder Plating	Tin	7440-31-5	0.034700	1.3335%	13,335
	Silver	7440-22-4	0.000600	0.0231%	231
Total Weight (mg)			2.602266	100.00%	1,000,000