

pSEMI MATERIAL DECLARATION FORM



Product:	PE42727
Ordering Codes:	PE42727A-Z, PE42727A-G, PE42727A-Y
Description:	SPDT RF switch
Package:	12L 3x3 QFN
Environmental Compliance	EU RoHS Directive 2011/65/EC and amendment 2015/863, 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	1.069321	6.07%	60,732.00
Die	Aluminum	7429-90-5	0.003253	0.02%	184.73
Die	Silicon	7440-21-3	0.000217	0.00%	12.32
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%	0.25
Die	Titanium	7440-32-6	0.000542	0.00%	30.79
Die	Tungsten	7440-33-7	0.010842	0.06%	615.78
Die	Cobalt	7440-48-4	0.000022	0.00%	1.23
Die	Copper	7440-50-8	0.000009	0.00%	0.49
Leadframe	Copper	7440-50-8	9.527000	54.11%	541,085.11
Leadframe	Nickel	7440-02-0	0.538000	3.06%	30,555.66
Leadframe	Silicon	7440-21-3	0.064000	0.36%	3,634.87
Leadframe	Magnesium	7439-95-4	0.015000	0.09%	851.92
Leadframe	Palladium	5/3/7440	0.006000	0.03%	340.77
Leadframe	Gold	7440-57-5	0.004000	0.02%	227.18
Die Attach	Proprietary Acrylates	Trade secret	0.023000	0.13%	1,306.28
Die Attach	Silver	7440-22-4	0.141000	0.80%	8,008.08
Die Attach	Proprietary Bismaleimide	Trade secret	0.005000	0.03%	283.97
Die Attach	Methacrylate Ester	Trade secret	0.005000	0.03%	283.97
Die Attach	Proprietary polymer	Trade secret	0.002000	0.01%	113.59
Wire	Gold	7440-57-5	0.251000	1.43%	14,255.52
Mold Compound	Multi-Aromatic Resin	Trade secret	0.832000	4.73%	47,253.36
Mold Compound	Silica fused	60676-86-0	5.110000	29.02%	290,221.99
Total Weight (mg)			17.607212	100.00%	1,000,000