

Supplier Part Number	SCGA Series						
Product Description	HC-49/US 4-Pad SMD Crystal						
Product Revision							
Product Total Weight	0.6525g/pcs						
Contact Information	Company	Suntsu Frequency Control, Inc.					
	Contact Name	Bob Tintelnot					
	Address	2 South Pointe Dr., Suite 195 Lake Forest, Ca 92630					
	Phone Number	949-305-0220					
Homogenous Component/ Subcomponent	Homogenous Component/ Subcomponent Weight (g)	Substance	CAS Number	Substance Weight (g)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	PPM Level Availability Date (If Not Available)	Purpose/Location
Base	0.3453	Iron-Fe	7439-89-6	0.3113780000	477207.66		BASE
		Manganese-Mn	7439-96-5	0.0007480000	1146.36		BASE
		Iron-Fe	7439-89-6	0.0047280000	7245.977		WIRE
		Nickel-Ni	7440-02-0	0.0026090000	3998.467		WIRE
		Cobalt-Co	7440-48-4	0.0015250000	2337.165		WIRE
		Copper-Cu	7440-50-8	0.0017230000	2640.613		PIN
		Nickel-Ni	7440-02-0	0.0056150000	8605.364		PIN
		Zinc-Zn	7440-66-6	0.0028620000	4386.207		PIN
		Silicon-Si	7440-21-3	0.0100800000	15448.276		GLASS
		Boron-B	7440-42-8	0.0021600000	3310.345		GLASS
		Aluminum-Al	7429-90-5	0.0010080000	1544.828		GLASS
		Sodium-Na	744025-5	0.0004320000	662.069		GLASS
Potassium-K	7440-09-7	0.0004320000	662.069		GLASS		
Cover	0.165	Copper-Cu	7440-50-8	0.1089000000	166896.552		Alloy
		Zinc-Zn	7440-66-6	0.0226875000	34770.115		Alloy
		Nickel-Ni	7440-02-0	0.0321750000	49310.345		Alloy
		Manganese-Mn	7439-96-5	0.0008250000	1264.368		Alloy
		Iron-Fe	7439-89-6	0.0004125000	632.184		Alloy
Blank	0.0072	Silica SiO2	14808-60-7	0.0072000000	11034.483		Quartz crystal
Silver	0.001	Silver-Ag	7440-22-4	0.0009999320	1532.463		Electrode
		Copper-Cu	7440-50-8	0.0000000300	0.046		Electrode
		Bismuth-Bi	7440-69-9	0.0000000080	0.012		Electrode
		Iron-Fe	7439-89-6	0.0000000100	0.015		Electrode
		Antimony-Sb	7440-36-0	0.0000000100	0.015		Electrode
		Selenium-Se	7782-49-2	0.0000000050	0.008		Electrode
		Tellurium-Te	13494-80-9	0.0000000050	0.008		Electrode
Epoxy	0.001	Silver-Ag	7440-22-4	0.0008500000	1302.682		Connect
		Silicone Resin		0.0001500000	229.885		Support
Insulator Tab	0.09	PPS	68608-59-3	0.0330600000	50666.667		
		Glass Fiber		0.0249400000	38222.222		
		Iron-Fe	7439-89-6	0.0169994000	26052.720		
		Cobalt-Co	7440-48-4	0.0093795000	14374.713		
		Nickel-Ni	7440-02-0	0.0054848000	8405.824		
		Silver-Ag	7440-22-4	0.0001363000	208.889		
7391A/B	0.023	C12Br10O	1163-19-5	0.0034500000	5287.356		Epoxy
		Sb2O3	1309-64-6	0.0004600000	704.981		Epoxy
		Al(OH)3	21645-51-2	0.0069000000	10574.713		Epoxy
		Carbon-C	7440-44-0	0.0000460000	70.498		Epoxy
		Ployamine	101-77-9	0.0121440000	18611.494		Epoxy
Solder	0.02	Tin-Sn	7440-31-5	0.0020000000	3065.134		Support
		Lead-Pb	7439-92-1	0.0176000000	26973.180		Support
		Silver-Ag	7440-22-4	0.0004000000	613.027		Support

0.65250 1000000.000