	© Co	terial Compo pyright 2005. IPC, Bannoc nternational and Pan-Ameri	kburn, Illinois	. All rights reserv	tion with lower	r level p	arts, the	declarati	on enco	mpasses	all lower	level mate	erials for	which th	e item is an assembly ne manufacturer has leclaration.		
1/32-2 1.1	_	Web Site for Informat		:-1752 Standa	ırd		Form Type * Declaration Class * Distribute Class 6 - RoHS Yes/No, Homogeneous Materia							/laterials	and Mfg Informa		
Supplier Information																	
Company Name *	Unique ID Au	uthority	Response Date *				Respon	se Docur	ment ID								
Anaren Microwave							10-24										
Contact Name * Title - Contact				Phone - Contact *			- Contac	t *				2	A (1				
Herbert Jones Project Engineer				315-233-5510			herbert.jones@ttm.com				uplicate	Contact	-> Autho	orized Re	epresentative		
Authorized Representative * Title - Representative			Э	Phone - Representative *			Email - Representative *				Supplier Comments or URL for Additional Information						
Herbert Jones Project Engineer				315-233-5510			rt.jones@	ttm.co	m								
Requester Item Number		Mfr Item Number	Mfr Item Name	,	Effectiv	e Date	Version	/ersion Manuf		acturing Site Wei		UC	OM	Unit Type			
		C3A50Z4		Terminator		10-24	Α	East S	Syracuse		0.00294	g		Each			
Alternate Recommenda	tion				Alternate Item C			e Item Co	Comments								
Manufacturing Proces	s In	formation															
Terminal Plating / Grid Array M	/lateri	ial	Terminal B	ase Alloy	J-STD-020 MSL R	ating	Peak Proc	ess Bod	y Tempei	rature M	ax Time a	t Peak Tem	perature	Number	of Reflow Cycles		
Matte Tin (Sn) - with Nickel (Ni) barrier Other				26			260 C		30 s		econds 3						
Comments										'							
Compliant to RoHS 2 Dire	ectiv	e 2011/65/EU of the	Europear	Parliament	and of the Counc	cil of 8	June 201	1 & Coi	mmissio	on Deleg	gated Dir	ective 20	15/863/E	U of 31	March 2015.		

Save the fields in this form to a file	Export Data	Import fields from a file into this form	Import Data	Clear all of the fields on this form	Reset Form	Lock the fields on this form to prevent change	Lock Supplier Fields						
RoHS Material Cor	RoHS Material Composition Declaration Declaration Declaration Type * Custom												
RoHS Directive 2002/95/EC RoHS Definition: Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) of homogeneous material for Cadmium													
RoHS 2 (Directive 2011/65/EU (DIBP).	RoHS 2 (Directive 2011/65/EU & 2015/863/EU) Definition Addendum: Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DBP), Diisobutyl phthalate (DBP).												
Supplier certifies that it gathered the information it provides in this form concerning RoHS restrictive substances using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in this form.													
RoHS Declaration *	4 - Item(s) does not contain Rol-	1S restricted substances per t	he definition above except f	or selected exemptions		Supplier Acceptance * Ac	ccepted						
Exemptions: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.													
Exemption List Version	on EL-2006/690/EC												
+ - 7c. Lead in electronic ceramic parts (e.g. piezoelectronic devices).													
Declaration Signa	ture												
	ete all of the required field ired by the Requester) are					wn. This will display the	signature area. Digitally sign						

Supplier Digital Signature

Homogeneous Material Composition Declaration for Electronic Products

Subltem Instructions: The presence of any JIG Level A or B substances must be declared. [1] indicate the subpart in which the substance is located, [2] provide a description of the homogeneous material [3], enter the weight of the homogeneous material.

Substance Instructions: [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).

Line Functions: +I Inserts a New Item /SubItem +M Inserts a new Material +C Inserts a new Substance Category +S Inserts a new Substance - Deletes the element line

	Item/SubItem		Homogeneous	Wainbt	Unit of			Laval	Substance Cotessani			Cubatanas	CAS	Fuament	VA/ a i aula t	Unit of	Tolerance		DDM
	Name		Material	Weight	Measure			Level	Substance Category			Substance	CAS	Exempt	weight	Measure	-	+	PPM
+1 -1	C3A50Z4	+M -M	Tin Plating	0.000029	9 g	+C -	C	Supplier	Tin Plating	+S	-S	Tin (Sn)	7440-31-5		0.000029	g			1,000,0
		+M -M	Nickel Plating	0.00009	3 g	+C -	C	A	Lead/Lead Compound	+S	Ş	Lead	7439-92-1		0.000000	g			499.75
						+C -	C	3	Nickel (external applic	+S	-S	Nickel	7440-02-0		0.000093	g			999,50
		+M -M	Part Marking Ink	0.00000	6 g	+C -	C	Supplier	Part Marking Ink	+S	-S	Titanium dioxide (TiO2)	13463-67-7		0.000005	g			857,10
						+C -	C	Supplier	Part Marking Ink	+S	-S	Silica amorphous (SiO2	7631-86-9		0.000000	g			142,90
		+M -M	Ероху	0.00010 ⁻	1g	+C -	C	Supplier	Ероху	+S	-S	*Proprietary Metal Com	Proprietary		0.000010	g			100,00
						+C -	C	Supplier	Ероху	+S	-S	*Proprietary Blue Pigme	Proprietary		0.000020	g			200,00
						+C -	C	Supplier	Ероху	+S	-S	Cobalt (Co)	7440-48-4		0.000030	g		;	300,00
						+C -	C	Supplier	Ероху	+S	-S	Molybdenum (Mo)	7439-98-7		0.000040	g		ŀ	400,00
		+M -M	Protective Glaze	0.00006	4 g	+C -	C	Supplier	Protective Glaze	+S	-S	Boron Oxide (BO)	1303-86-2		0.000013	g		:	214,30
						+C -	C	Supplier	Protective Glaze	+S	-S	Aluminum Oxide (Al2O3	1344-28-1		0.000004	g			64,300
						+C -	C	Supplier	Protective Glaze	+S	-S	Silicon Dioxide (SiO2)	14808-60-7		0.000004	g			64,300
						+C -	C	Supplier	Protective Glaze	+S	-S	Chromium(III) oxide (Cr	1308-38-9		0.000000	g			14,200
						+C -	C	Supplier	Protective Glaze	+S	-S	Zinc oxide (ZnO)	1314-13-2		0.000041	g			642,90
		+M -M	Thick Film Resis	0.00004	0 g	+C -	C	Supplier	Thick Film Resistor	+S	-S	Boron Oxide (BO)	1303-86-2		0.000005	g			134,60
						+C -	C	Supplier	Thick Film Resistor	+S	-S	Magnesium Oxide (MgO	1309-48-4		0.000003	g		!	96,200
						+C -	C	Supplier	Thick Film Resistor	+S	-S	Aluminum Oxide (Al2O3	1344-28-1		0.000005	g			134,60
						+C -	C	Supplier	Thick Film Resistor	+S	-S	Silicon Dioxide (SiO2)	14808-60-7		0.000002	g		,	51,300
						+C -	C	Supplier	Thick Film Resistor	+S	-S	Ruthenium(IV) dioxide (12036-10-1		0.000020	g		ŀ	493,60
						+C -	C	Supplier	Thick Film Resistor	+S	-S	Zinc oxide (ZnO)	1314-13-2		0.000003	g			89,700
		+M -M	Conductor	0.00013	2 g	+C -	C	Supplier	Conductor	+S	-S	Silica Fused (SiO2)	60676-86-0		0.000013	g			100,00
						+C -	C	4	Lead/Lead Compound	+S	-s	Lead	7439-92-1	7c. Lead	0.000013	g			100,00
						+C -	C	Supplier	Conductor	+S	-S	Silver (Ag)	7440-22-4		0.000105	g			800,00

+M -M Substrate	0.002473g	+C -C Supplier	Substrate	+S	-S	Aluminum Oxide (Al2O3	1344-28-1	0.002374	g		960,00
		+C -C Supplier	Substrate	+S	-S	Proprietary/Unknown	Proprietary	0.000098	g		40,000