

Search Results for: LMX2615W-MLS

Current Production Information

TI Part Number:	LMX2615W-MLS	Assembly Site:	Ext Mfg
Lead/Ball Finish:	NiAu	Package Type / Pins:	HBD 64
Planned Lead/Ball Finish:	NiAu	Package Body Size (WxLxH) mm:	10.9 x 10.9 x 2.05
MSL / Reflow Ratings:	na	Total Device Mass (mg):	1654.3388

Environmental Ratings Information

RoHS & High-Temp Compliant:	Y	Green Compliant:	Y
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Component Information

Component	Substance	CAS Number	Amount (mg)	Homogeneous Material Level		Component Level		
				Percentage %	ppm	Percentage %	ppm	
Bond Wire								
Aluminum and Its Alloys	Aluminum	7429-90-5	0.243401	99	990000	0.0147	147	
Other Inorganic Materials	Silicon	7440-21-3	0.002122	1	10000	0.0001	1	
Sub-Total			0.245523	100	1000000	0.0148	148	
Die Attach Adhesive								
Other Inorganic Materials	Silica	7631-86-9	0.144507	3	30000	0.0087	87	
Precious Metals	Silver	7440-22-4	3.853509	80	800000	0.2329	2329	
Thermoplastics	Epoxy	85954-11-6	0.818871	17	170000	0.0495	495	
Sub-Total			4.816886	100	1000000	0.2912	2912	
Heat Sink								
Copper and Its Alloys	Copper	7440-50-8	80.13	10	100000	4.8436	48436	
Other Nonferrous Metals and Alloys	Tungsten	7440-33-7	721.17	90	900000	43.5926	435926	
Sub-Total			801.3	100	1000000	48.4363	484363	
Lead / Kovar								
Copper and Its Alloys	Iron	7439-89-6	104.328	54	540000	6.3063	63063	
Nickel and Its Alloys	Nickel	7440-02-0	56.028	29	290000	3.3867	33867	
Other Nonferrous Metals and Alloys	Cobalt	7440-48-4	32.844	17	170000	1.9853	19853	
Sub-Total			193.2	100	1000000	11.6784	116784	
Plating								
Nickel and Its Alloys	Nickel	7440-02-0	77.5228	95.12	951200	4.686	46860	
Precious Metals	Gold	7440-57-5	0.6357	0.78	7800	0.0384	384	
Precious Metals	Cobalt	7440-48-4	3.3415	4.1	41000	0.202	2020	
Sub-Total			81.5	100	1000000	4.9264	49264	
Lid								
Copper and Its Alloys	Iron	7439-89-6	118.57938	50.74	507400	7.1678	71678	
Nickel and Its Alloys	Nickel	7440-02-0	63.68325	27.25	272500	3.8495	38495	
Other Inorganic Materials	Silicon	7440-21-3	2.82777	1.21	12100	0.1709	1709	
Other Nonferrous Metals and Alloys	Cobalt	7440-48-4	37.32189	15.97	159700	2.256	22560	
Precious Metals	Gold	7440-57-5	11.28771	4.83	48300	0.6823	6823	
Sub-Total			233.7	100	1000000	14.1265	141265	
Semiconductor Device								
Ceramics / Glass	Silicon	7440-21-3	20.263155	100	1000000	1.2248	12248	
Sub-Total			20.263155	100	1000000	1.2248	12248	
Brazing Material								
Copper and Its Alloys	Copper	7440-50-8	6.023719	28	280000	0.3641	3641	
Precious Metals	Silver	7440-22-4	15.489563	72	720000	0.9363	9363	
Sub-Total			21.513282	100	1000000	1.3004	13004	
Header								
Ceramics / Glass	Woven Glass Fiber	65997-17-3	22.9306	7.7	77000	1.3861	13861	
Other Inorganic Materials	Aluminum Oxide	1344-28-1	268.02	90	900000	16.201	162010	
Other Nonferrous Metals and Alloys	Chromium	7440-47-3	3.8714	1.3	13000	0.234	2340	
Other Nonferrous Metals and Alloys	Molybdenum	7439-98-7	0.1489	0.05	500	0.009	90	
Other Nonferrous Metals and Alloys	Tungsten	7440-33-7	2.8291	0.95	9500	0.171	1710	
Sub-Total			297.8	100	1000000	18.0011	180011	
Total			1654.3388			100	1E+06	

Important Part Information

There is a remote possibility the Customer Part Number (CPN) your company uses could reference more than one TI part number. This is due to two or more users (EMSI's or subcontractors) using the same CPN for different TI part numbers. If this occurs, please check your Customer Part Number and cross reference it with the TI part number seen on this page.

Material Declaration Certificate for Semiconductor Products

TI certifies that the material content information provided by TI is representative and accurate to the best of their knowledge based on

JIG Level-A Banned Substances	Threshold, Homogeneous
Asbestos	Not intentionally added
Azo colorants	Not intentionally added
RoHS - Cadmium/Cadmium Compounds	75 ppm, Not intentionally added (RoHS threshold = 100ppm)
RoHS - Hexavalent Chromium/Hex.Chromium Compounds	1000 ppm, Not intentionally added
RoHS - Lead/Lead Compounds	1000 ppm, Not intentionally added
RoHS - Mercury/Mercury Compounds	1000 ppm, Not intentionally added
Ozone Depleting Substances	Class I : Not intentionally added Class II : 1000ppm
RoHS - Polybrominated Biphenyls (PBBs)	1000 ppm, Not intentionally added
RoHS - Polybrominated Diphenyl Ethers (PBDEs)	1000 ppm, Not intentionally added
Polychlorinated Biphenyls (PCBs)	Not intentionally added
Polychlorinated Naphthalenes (>3 Chlorine atoms)	Not intentionally added
Radioactive Substances	Not intentionally added
Shortchain Chlorinated Paraffins	Not intentionally added
Tributyl Tin (TBT) and Triphenyl Tin (TPT)	Not intentionally added
Tributyl Tin Oxide (TBTO)	Not intentionally added

(1) Threshold does not apply to applications covered by a RoHS substance exemption.

TI bases its material content knowledge on information provided by third parties and has taken and continues to take commercially TI's packing materials (boxes, trays, etc) comply with EU Directive 2004/12/EC for Packaging and Packaging Waste Material. Content details

Signature: [\(click here for signed certificate\)](#)

Name/Title: Robert Furtaw, Vice President, Worldwide Quality

Date: April 5, 2018

Common TI Product Stewardship Position Statements

Topic	Download Document
REACH	REACH
RoHS	RoHS Material Declaration Certificate
Lead-free Conversion overview	Materials Content Search Tool
Lead-free (Pb-free) Logo	RoHS Exemption Renewal Process & Exemptions Used by TI
Green Conversion and Low Halogen	Low Halogen
EVM Position Statement	EVM Statement
Cobalt Dichloride	Cobalt Dichloride
Decabromodiphenyl ether (DecaBDE)	DecaBDE
Dimethyl Fumarate (DMF):	DMF
EU ELV	N/A
Ozone Depleting Substances (ODS):	ODS
Perfluorooctane sulfonates (PFOS):	PFOS
HBCDD & Phthalates	HBCDD & Phthalates Statement
Red Phosphorous	Red Phosphorous
Silicone	Silicone Statement

Pb-Free: TI defines "Pb-Free" or "RoHS Compliant" to mean semiconductor products that are compliant with the current RoHS requirements

RoHS Exempt: TI defines "RoHS Exempt" to mean products that contain lead but are compliant with RoHS pursuant to an exemption.

Green: TI defines "Green" to mean Pb-Free/RoHS Compliant and free of Bromine (Br) and Antimony (Sb) based flame retardants (Br or Sb do