Company	DUNS#	URL For Additional Information
National Semiconductor	04-147-2986	http://www.national.com/analog/quality/green

Contact	Title	Phone	Email
Lorena Dudman	Product Stewardship Eng. Mgr	1-408-721-8180	Green.Project@nsc.com

Part Number	MSL Rating	Peak Body Temp C	MaxTime(Sec)	Cycles	Unit Type
LM5030MM E7002058	1	260	40	4	Each

Document Date		Weight (mg)	
10-27-2011	European RoHS Compliant. China RoHS Compliant.	29.84	Does NOT Contain Halogens

Material Composition Declaration for Electronic Products

Item	Weight (mg)	Component	CAS#	Weight (mg)	Item-ppm	Part-ppm
Leadframe	14.720	Cu	7440-50-8	14.345	974,500	480,714
		Fe	7439-89-6	0.353	24,000	11,829
		Zn	7440-66-6	0.018	1,200	603
		P	7723-14-0	0.004	300	134
Plastic	12.151	SiO2	60676-86-0	10.814	890,000	362,387
		Epoxy Resin	25928-94-3	0.972	80,000	32,573
		Mg(OH)2	1309-42-8	0.365	30,000	12,231
Chip	1.400	Si	7440-21-3	1.392	994,000	46,647
		Al	7429-90-5	0.008	6,000	268
Ext. LeadFinish	1.070	Sn	7440-31-5	1.070	1,000,000	35,857
Die Attach	0.300	Ag	7440-22-4	0.225	750,000	7,540
		Epoxy Resin	25928-94-3	0.075	250,000	2,513
Int. LeadFinish	0.140	Ag	7440-22-4	0.140	1,000,000	4,692
Wires	0.060	Au	7440-57-5	0.060	1,000,000	2,011

Note: The device content disclosed herewith is approximate and is based on engineering estimates only. It has not been verified through analytical testing.

Additionally, the following should be noted:

1. One or more dopant materials may be present in the silicon die at sub-ppm levels to provide semiconductor properties.
2. Epoxy resin components listed are generic and may or may not be the specific compound used, which is considered proprietary.

RoHS Material Composition Declaration

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 (100 PPM) of homogeneous material for Cadmium

Subject to the limitations below, National Semiconductor Corporation ("National") certifies the following information as of the document date.

1. National products designated "ROHS Compliant" comply with the European Unions Directive on the Restriction of the Use of Hazardous Substances 2002/95/EC ("RoHS"). Certain National products contain lead in RoHS exempt applications 7(a) or 7(c)-I.
2. National products do not contain and are not manufactured with ozone depleting compounds.
3. National products do not contain substances identified by the European Chemical Agency ("ECHA") as substances of very high concern ("SVHC") per REACH Regulation (EC) No 1907/2006. National also complies with use restrictions as stipulated in Annex XVII of REACH.
4. National products are manufactured in conformance with National specifications (SC)CSP-9-111C1 Supplier Environmental Requirements for Materials and Products and (SC)CSP-9-111S2 Banned and Reportable Substances.
5. National's list of banned and reportable substances and management system is based on the current version of the Joint Industrial Guide, JIG-101.

National has taken commercially reasonable steps to provide representative and accurate information but may not have independently verified information provided or conducted chemical analysis of incoming materials. Equivalent compliant materials may have been substituted for those stated herein. Material concentrations are the maximum expected concentration of the substance in the device and may not represent the actual concentration. National and its suppliers consider certain limited information to be confidential and thus CAS numbers and other limited information may not be available for release. Nationals Standard Terms and Conditions of Sale apply to any issue arising out of or in connection with the information provided herein unless otherwise provided by a written contract signed by both parties.

NATIONAL ACCEPTS NO DUTY TO NOTIFY USERS OF THIS DECLARATION OF UPDATES OR CHANGES TO THIS DECLARATION.

John L Conn
Vice President Quality

John L. Conn
Vice President Quality

Banned Substance Monitoring

Part Number	Document Date
LM5030MM E7002058	10-27-2011

European RoHS Compliant. China RoHS Compliant.

Item#	Material	Cd	CrVI	Pb	Hg	PBB	PBDE	Cl	Br	Ref#
1	CHIP	<1	<1	<1	<30	<10	<10	<75	<50	1000
2	COMPOUND	<2	<2	<2	<2	<5	<5	<50	<50	637
3	EPOXY	<2	<2	<2	<2	<5	<5	<50	<50	32
4	EXTLF	<2	N/D	23	<2	<5	<5	<50	<50	595
5	FRAME	<2	N/D	<2	<2	<5	<5	N/A	N/A	52
6	WIRE	<2	N/D	<2	<2	<5	<5	N/A	N/A	75

* Cd: Cadmium, CrVI: Hexavalent Chromuim, Pb: Lead, Hg: Mercury, NA: Not Applicable

* Unless otherwise noted, units are in PPM (parts-per-million)

Ref#	3rd Party Analysis (available upon request, subject to a non-disclosure agreement)
1000	Analysis on 01/24/2011 by Balazs as per Report# 11-00322-00
637	Analysis on 04/29/2011 by SGS per Report# LPCI/04381(B)/11
32	Analysis on 04/29/2011 by SGS per Report# LPCI/04433(B)/11
595	Analysis on 04/29/2011 by SGS per Report# LPCI/04369(B)/11
52	Analysis on 04/29/2011 by SGS per Report# LPCI/04324(B)/11
75	Analysis on 04/29/2011 by SGS per Report# LPCI/04464(B)/11