Material Composition Declaration

This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.

1752-2 1.1

ICP Web Site for information on IPC-1752 Standard
http://www.ipc.org

Form Type*
Distribute

Declaration Class*
Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Infomation

Supplier Information

Company Name *	Company Unique ID	Unique ID Authority	**Response Date***
Fairchild Semiconductor	00-489-5751	Dun & Bradstreet	**Apr 26, 2017**
Contact Name *	Title - Contact	**Phone - Contact ***	**Email - Contact ***
Jolene Small	Product Ecology	**207-761-6214**	**jolene.small @fairchildsemi.com**
Authorized Representative *	Title - Representative	**Phone - Representative ***	**Email - Representative ***
Jolene Small	Product Ecology	**207-761-6214**	**jolene.small@fairchildsemi.com**

Requester Item Number	Mfr Item Number	Mfr Item Name	Effective Date	FSC Version	Manufacturing Site	**Weight***	UOM	Unit Type
1N5253B	1N5253B	DO35-2 (Glass)	Apr 26, 2017	1.0	TC	**0.10967**	g	Each

Manufacturing Process Information

Terminal Finish	Base Alloy	J-STD-020 MSL Rating	Peak Process Body Temperature	Max Time at Peak Temperature	No Reflow cycles
Sn	Other	NA	Not Applicable		Not Applicable

* Required Field

RoHS Material Composition Declaration	Declaration Type * Custom

RoHS Directive 2011/65/EU	**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

This document is Fairchild Semiconductor's statement regarding the directive 2011/65/EU of the European Parliament and of the council of 8 June 2011on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Recast). The content of this document is based upon information collected from Fairchild Semiconductor supply chain, manufacturing facilities and affiliates worldwide.

The FSC part number listed above and the homogenous materials in the product are compliant with the Directive 2011/65/EU. Fairchild has implemented systems to ensure our products are compliant to environmental regulations and laws worldwide. However, not all materials in Fairchild's products may have been independently verified regarding substance content. In the event of any issues arising from information in this document, the warranty section of Fairchild's standard terms and conditions of sale shall apply, unless alternate contracts have been agreed upon in writing by both parties.

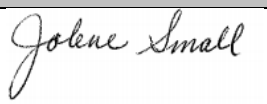
Note: The substance content disclosed herewith is approximate and is based on various methods including, engineering calculations, supplier surveys, Material Safety Data Sheets, analytical measurements. Fairchild may update this document without notification. This statement may not include information regarding the miniscule quantities of dopant and metal materials in the electrical devices contained within the finished product. CAS numbers listed for Resin substances are generic and may contain alternate substances of similar composition.

RoHS Declaration *	4 - Item(s) does not contain RoHS restricted substances per the definition above except for selected exemptions	Supplier Acceptance * Accepted

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 EL-2011/534/EU

7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

Declaration Signature	
Supplier Signature	 JOLENE SMALL – PRODUCT ECOLOGY ENGINEER

Homogeneous Material Composition Declaration for Electronic Products

Item/SubItem Name DO35-2 (Glass).csv

Component	Material	Weight (mg)	Jig Level	Substance Category	Substance	Weight (mg)	CAS	PPM
Plating	Other Nonferrous metals & alloys	2.626	Supplier	-	Tin	2.626	7440-31-5	23945
CSS Wire	Other Ferrous alloys, non-stainless steels	75	Supplier	-	Copper	11.25	7440-50-8	102580
			Supplier	-	Iron	63.75	7439-89-6	581289
Chip	Other inorganic materials	0.024	B	Nickel (external applications only)	Nickel	0.000102	7440-02-0	1
			Supplier	-	Silicon	0.012705	7440-21-3	116
			Supplier	-	Silver	0.011526	7440-22-4	105
			Supplier	-	Titanium	0.000025	7440-32-6	0
Dumet Wire	Other Ferrous alloys, non-stainless steels	8.5	Supplier	-	Carbon	0.00425	7440-44-0	39
			Supplier	-	Copper	1.9975	7440-50-8	18214
			Supplier	-	Copper Monoxide	0.085	1317-39-1	775
			Supplier	-	Iron	3.68305	7439-89-6	33583
			Supplier	-	Manganese	0.0425	7439-96-5	388
			B	Nickel (external applications only)	Nickel	2.669	7440-02-0	24337
			Supplier	-	Phosphorus	0.00085	7723-14-0	8
			Supplier	-	Silicon	0.017	7440-21-3	155
			Supplier	-	Sulfur	0.00085	7704-34-9	8
Encapsulation	Ceramics / Glass	23.5	B	Antimony/Antimony Compounds	Antimony Trioxide	0.01175	1309-64-4	107
			Supplier	-	Diboron Trioxide *	0.705	1303-86-2	6428
			A	Lead/Lead Compounds	Lead (II) oxide	14.288	1317-36-8	130282
			Supplier	-	Potassium Oxide	0.88125	12136-45-7	8035
			Supplier	-	Silicon Dioxide, quartz	7.614	14808-60-7	69426
Marking Ink	Other Organic Materials	0.02	Supplier	-	2,2,4-Trimethyl-1,3-pentanediol di is obutyrate	0.0013	6846-50-0	12
			Supplier	-	Amino Resin	0.00333	68002-20-0	30
			Supplier	-	Amorphus silica	0.0006	7631-86-9	5

Supplier	-	Carbon Black	0.0013	1333-86-4	12
Supplier	-	Diethylene glycol 2-ethyhexyl-ether	0.0025	1559-36-0	23
Supplier	-	Phenolic resin	0.005	25085-75-0	46
Supplier	-	Pigments	0.0017	Proprietary	16
Supplier	-	Titanium dioxide	0.0038	13463-67-7	35