

RoHS Certificate Of Compliance

Product Number	Exemptions	Effective Date
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This 'Certificate of Compliance' warrants that the product identified above, (and all spares, features and FRUs associated with referenced product) are manufactured in compliance with the Restriction of Hazardous Substances (RoHS), Directive 2011/65/EU. The RoHS Directive restricts the use of certain substances in electronic products; including certain allowable exemptions as noted.

Allowable Exemptions:

- 6a - Lead as an alloying element in steel containing up to 0.35% lead by weight.
- 6b - Lead as an alloying element in aluminum containing up to 0.4% lead by weight.
- 6c - Lead as an alloying element in copper containing up to 4% lead by weight.
- 7a - Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).
- 7b - Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission as well as network management for telecommunications.
- 7cI - Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectric devices, or in a glass or ceramic matrix compound
- 7cII - Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher
- 7cIV - Lead in PZT (Lead Zirconate Titanate) ceramic materials for capacitors being part of integrated circuits or discrete semiconductors. Please note all other ceramic materials containing Pb used in these applications are forbidden.
- 13a - Lead in white glass used for optical applications.
- 15 - Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages

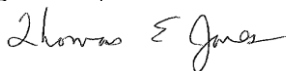
Comments (if applicable):

* - Exemption 15 components are expected to qualify for exemption extension.

† - End sales availability after 07-21-16 in the EU only. Please note this does not affect shipments to Americas, APAC or the rest of EMEA.

Battery Chemistry is Lithium Carbon Monofluoride (LiCF). Battery weight is 0.8 g each.

Signature (handwritten or electronic signature):



Printed Name: Thomas Jones

Title: Environmental Compliance Engineer

Date: 10/26/2016

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Product Number	Exemptions	Effective Date	Battery Type (Qty)
100 GE blades:			
BR-MLX-100GX2-CFP2-M	6a, 6c, 7a, 7cI, 15*	08/26/2014 (1 st Production)	NA
BR-MLX-100GX2-CFP2-X2	6a, 6c, 7a, 7cI, 15*	08/26/2014 (1 st Production)	NA
40 GE blades:			
BR-MLX-40GX4-M	6a, 6c, 7a, 7cI, 15*	10/01/2013 (1 st Production)	NA
10 GE blades:			
BR-MLX-10GX4-X [†]	6a, 6c, 7a, 7b, 7cI, 15	01/01/2013	NA
BR-MLX-10GX4-X-ML [†]	6a, 6c, 7a, 7b, 7cI, 15	01/01/2013	NA
BR-MLX-10GX4-IPSEC-M	6a, 6c, 7a, 7cI, 15*	01/12/2015 (1 st Production)	NA
BR-MLX-10GX8-X [†]	6a, 6c, 7a, 7cI, 15	05/11/2011 (1 st Production)	NA
NI-MLX-10GX8-M	6a, 7a, 7cI, 15*	07/01/16	NA
BR-MLX-10GX10-X2	6a, 6c, 7a, 7cI, 15*	10/16/2015 (1st Production)	NA
BR-MLX-10GX20-M	6a, 6c, 7a, 7cI, 15*	08/26/2014 (1 st Production)	NA
BR-MLX-10GX20-X2	6a, 6c, 7a, 7cI, 15*	08/26/2014 (1 st Production)	NA
BR-MLX-10GX24-DM	6a, 6c, 7a, 7cI, 15*	07/22/2016	NA
1 GE blades:			
BR-MLX-1GX20-U10G-M	6a, 6c, 7a, 7cI, 15*	10/30/2014 (1st Production)	NA
BR-MLX-1GX20-U10G-X2	6a, 6c, 7a, 7cI, 15*	10/30/2014 (1st Production)	NA
BR-MLX-1GCX24-X	6a, 6c, 7a, 7cI, 15*	07/16/2016	NA
BR-MLX-1GCX24-X-ML	6a, 6c, 7a, 7cI, 15*	07/16/2016	NA
BR-MLX-1GFX24-X	6a, 6c, 7a, 7cI, 15*	07/16/2016	NA
BR-MLX-1GFX24-X-ML	6a, 6c, 7a, 7cI, 15*	07/16/2016	NA
System 32:			
BR-MLXE-32-MR2-M-AC	6a, 6b, 6c, 7a, 7cI, 15*	4/24/2015	BR1225 (1)
BR-MLXE-32-MR2-M-DC	6a, 6b, 6c, 7a, 7cI, 15*	4/24/2015	BR1225 (1)
BR-MLXE-32-MR2-X-AC	6a, 6b, 6c, 7a, 7cI, 15*	4/24/2015	BR1225 (1)
BR-MLXE-32-MR2-X-DC	6a, 6b, 6c, 7a, 7cI, 15*	4/24/2015	BR1225 (1)
BR-MLXE-32-S	6a, 6c, 7a, 7cI	4/24/2015	NA
BR-MLX-32-MR2-M	6a, 6b, 6c, 7a, 7cI, 15*	11/28/2011 (1 st Production)	BR1225 (1)
BR-MLX-32-MR2-X	6a, 6b, 6c, 7a, 7cI, 15*	11/28/2011 (1 st Production)	BR1225 (1)
BR-MLXE-32-FAN	6a, 6c, 7a, 7cI	06/01/2016	NA
BR-MLXE-32-FLTR	Compliant w/out exemption	06/07/2010 (1st Production)	NA
BR-MLXE-32-FAN-DEFLECTOR	Compliant w/out exemption	02/02/2011 (1st Production)	NA
BR-MLXE-32-ACPWR-3000	6c, 7a, 7cI	07/01/2011	NA
NI-X-32-HSF	6a, 6c, 7a, 7cI, 15*	7/22/2016	NA
System 16 / 8:			
BR-MLXE-16-MR2-M-AC	6a, 6b, 6c, 7a, 7cI, 15*	05/27/2016	BR1225 (1)
BR-MLXE-16-MR2-M-DC	6a, 6b, 6c, 7a, 7cI, 15*	05/27/2016	BR1225 (1)
BR-MLXE-16-MR2-X-AC	6a, 6b, 6c, 7a, 7cI, 15*	05/27/2016	BR1225 (1)
BR-MLXE-16-MR2-X-DC	6a, 6b, 6c, 7a, 7cI, 15*	05/27/2016	BR1225 (1)
BR-MLXE-8-MR2-M-AC	6a, 6b, 6c, 7a, 7cI, 15*	05/27/2016	BR1225 (1)
BR-MLXE-8-MR2-M-DC	6a, 6b, 6c, 7a, 7cI, 15*	05/27/2016	BR1225 (1)
BR-MLXE-8-MR2-X-AC	6a, 6b, 6c, 7a, 7cI, 15*	05/27/2016	BR1225 (1)
BR-MLXE-8-MR2-X-DC	6a, 6b, 6c, 7a, 7cI, 15*	05/27/2016	BR1225 (1)
BR-MLXE-ENT-8-MR2-M-AC [†]	6a, 6b, 6c, 7a, 7b, 7cI, 15	06/19/15 (1st Production)	BR1225 (1)
BR-MLXE-16-S	6a, 6c, 7a, 7cI	05/27/2016	NA
BR-MLXE-8-S	6a, 6c, 7a, 7cI	05/27/2016	NA
BR-MLXE-16-FAN	6a, 6c, 7a, 7cI	6/15/2016	NA
BR-MLXE-8-FAN	6a, 6c, 7a, 7cI	6/15/2016	NA
BR-MLXE-16-FLTR	Compliant w/out exemption	06/03/2010 (1st Production)	NA
BR-MLXE-8-FLTR	Compliant w/out exemption	08/28/2010 (1st Production)	NA
NI-X-16-8-HSF	6a, 6c, 7a, 7cI, 15*	6/21/2016	NA
NI-X-16-FLTR	6b	05/14/2007 (1st Production)	NA
NI-X-8-FLTR	Compliant w/out exemption	02/15/2007 (1st Production)	NA
System 4:			
BR-MLXE-4-MR2-M-AC	6a, 6b, 6c, 7a, 7cI, 15*	6/1/2016	BR1225 (1)
BR-MLXE-4-MR2-M-DC	6a, 6b, 6c, 7a, 7cI, 15*	6/1/2016	BR1225 (1)
BR-MLXE-4-MR2-X-AC	6a, 6b, 6c, 7a, 7cI, 15*	6/1/2016	BR1225 (1)
BR-MLXE-4-MR2-X-DC	6a, 6b, 6c, 7a, 7cI, 15*	6/1/2016	BR1225 (1)

Product Number	Exemptions	Effective Date	Battery Type (Qty)
BR-MLXE-ENT-4-MR2-M-AC [†]	6a, 6b, 6c, 7a, 7b, 7cI, 15	06/19/15 (1st Production)	BR1225 (1)
BR-MLXE-4-S	6a, 6c, 7a, 7cI	6/1/2016	NA
BR-MLXE-4-FAN	6a, 6c, 7a, 7cI	6/15/2016	NA
BR-MLXE-4-FLTR	Compliant w/out exemption	08/28/2010 (1st Production)	NA
NI-X-4-HSF	6a, 6c, 7a, 7cI, 15*	7/11/2016	NA
NI-X-4-FLTR	Compliant w/out exemption	05/14/2007 (1st Production)	NA
System Common:			
BR-MLX-MR2-M	6a, 6b, 6c, 7a, 7cI, 15*	09/12/2012	BR1225 (1)
BR-MLX-MR2-X	6a, 6b, 6c, 7a, 7cI, 15*	09/12/2012	BR1225 (1)
BR-MLXE-ACPWR-1800	6a, 7a, 7cI	2/13/2012	NA
BR-MLXE-DCPWR-1800	6c, 7a, 7cI	2/13/2012	NA
NI-X-IPNL	Compliant w/out exemption	05/14/2007 (1st Production)	NA
NI-X-MPNL	Compliant w/out exemption	05/14/2007 (1st Production)	NA
NI-X-SF1PNL	Compliant w/out exemption	08/15/2006 (1st Production)	NA
NI-X-SF3PNL	Compliant w/out exemption	01/18/2007 (1st Production)	NA
NI-X-PWRPNL	Compliant w/out exemption	05/14/2007 (1st Production)	NA
NI-X-PWRPNL-A	Compliant w/out exemption	08/15/2006 (1st Production)	NA

The following products are currently in service only (EOA) prior to July 21, 2016. All products were placed on the market prior to July 21, 2016.

Product Number	Exemptions	Effective Date	Battery Type (Qty)
100 GE blades:			
BR-MLX-100GX1-X	6a, 6c, 7a, 7cI, 15	06/23/2011 (1 st Production)	NA
BR-MLX-100GX2-X	6a, 6c, 7a, 7cI, 15	06/23/2011 (1 st Production)	NA
10 GE blades:			
NI-MLX-10GX2	6a, 6c, 7a, 7b, 7cI, 15	1st Production	NA
NI-MLX-10GX4	6a, 6c, 7a, 7b, 7cI, 15	1st Production	NA
NI-MLX-10GX8-D	6a, 6c, 7a, 7cI, 15	06/25/2010 (1st Production)	NA
1 GE blades:			
NI-MLX-1GX20-GC	6a, 7a, 7b, 7cI, 15	12/17/2011	NA
NI-MLX-1GX20-SFP	6a, 6c, 7a, 7b, 7cI, 15	12/17/2011	NA
NI-MLX-1GX48-T	6a, 6c, 7a, 7b, 7cI, 15	01/21/2009 (1 st Production)	NA
NI-MLX-1GX48-T-A	6a, 6c, 7a, 7b, 7cI, 15	01/01/2013	NA
System 32:			
BR-MLXE-32-AC	6a, 6c, 7a, 7b, 7cI, 15	11/22/2012	NA
BR-MLXE-32-DC	6a, 6c, 7a, 7b, 7cI, 7cII, 15	11/22/2012	NA
BR-MLXE-32-MR-M-AC	6a, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-32-MR-M-DC	6a, 6c, 7a, 7b, 7cI, 7cII, 15	11/22/2012	BR1225 (1)
BR-MLXE-32-MR-X-AC	6a, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-32-MR-X-DC	6a, 6c, 7a, 7b, 7cI, 7cII, 15	11/22/2012	BR1225 (1)
NI-MLX-32-MR	6a, 6c, 7a, 7b, 7cI	01/01/2013	BR1225 (1)
NI-X-32-HSF-UPGRADE	6a, 6c, 7a, 7b, 7cI, 15	10/7/2011	NA
NIBI-32-ACPWR-A	7a, 7b, 7cI	12/20/2007	NA
NIBI-32-DCPWR	6a, 7b, 7cI, 7cII	02/04/2012	NA
NIBI-32-PSFAN	6a, 6c, 7a, 7cI	08/08/2008	NA
System 16 / 8:			
BR-MLXE-16-AC	6a, 6b, 6c, 7a, 7b, 7cI, 7cII, 15	10/24/2012	NA
BR-MLXE-16-DC	6a, 6b, 6c, 7a, 7b, 7cI, 7cII, 15	10/24/2012	NA
BR-MLXE-8-AC	6a, 6b, 6c, 7a, 7b, 7cI, 7cII, 15	10/24/2012	NA
BR-MLXE-8-DC	6a, 6b, 6c, 7a, 7b, 7cI, 7cII, 15	10/24/2012	NA
BR-MLXE-16-MR-M-AC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-16-MR-M-DC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-16-MR-X-AC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-16-MR-X-DC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-8-MR-M-AC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-8-MR-M-DC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-8-MR-X-AC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-8-MR-X-DC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
NI-X-16-HSF-UPGRADE	6a, 6c, 7a, 7b, 7cI, 15	05/06/2010 (1st Production)	NA
NI-X-8-HSF-UPGRADE	6a, 6c, 7a, 7b, 7cI, 15	05/06/2010 (1st Production)	NA
NI-X-16-FAN-EXH	6a, 6c, 7a, 7cI	11/05/2007 (1st Production)	NA
NI-X-16-FAN-INT	6a, 6b, 6c, 7a, 7b, 7cI	06/17/2006 (1st Production)	NA
NI-X-8-FAN	6a, 6b, 6c, 7a, 7b, 7cI	07/14/2006 (1st Production)	NA
NIBI-16-FAN-EXH-A	6a, 6c, 7a, 7cI	10/05/2009 (1st Production)	NA
RMK-BNX-16	Compliant w/out exemption	06/19/2007 (1st Production)	NA
RMK-BNX-8	Compliant w/out exemption	06/19/2007 (1st Production)	NA
System 4:			
BR-MLXE-4-AC	6a, 6b, 6c, 7a, 7b, 7cI, 7cII, 15	6/12/2012	NA
BR-MLXE-4-DC	6a, 6b, 6c, 7a, 7b, 7cI, 7cII, 15	6/12/2012	NA
BR-MLXE-4-MR-M-AC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-4-MR-M-DC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-4-MR-X-AC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
BR-MLXE-4-MR-X-DC	6a, 6b, 6c, 7a, 7b, 7cI, 15	11/22/2012	BR1225 (1)
NI-X-4-HSF-UPGRADE	6a, 6c, 7a, 7b, 7cI, 15	05/06/2010 (1st Production)	NA
NI-X-4-FAN	6a, 6b, 6c, 7a, 7b, 7cI	08/07/2006 (1st Production)	NA
RMK-BNX-4	Compliant w/out exemption	06/19/2007 (1st Production)	NA

Product Number	Exemptions	Effective Date	Battery Type (Qty)
System Common:			
NI-MLX-MR	6a, 6c, 7a, 7b, 7cI	8/1/2012	BR1225 (1)
NI-X-ACPWR	7a, 7cI, 7cII	2/27/2012	NA
NI-X-DCPWR	7a, 7cI	4/24/2012	NA
PCTAIWAN	Compliant w/out exemption	02/23/2012 (1st Production)	NA