

CONFIDENTIAL

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TO Anglia

INQUIRY ABOUT DEVICES

Prepared by N. Inoue

Confirmed by _____

Approved by J. Mitsuda

MIYOSHI ELECTRONICS CORPORATION

We would like to report on the items you have inquired about.

1 . Inquiry Items

Please send REACH 223 substances statement.

2 . Devices

- RA03M8087M-501
- RA07M1317M-501
- RA07H4047M-501
- RA07M3847M-501
- RA07N4047M-501
- RA33H1516M1-501
- RA60H1317M1A-501
- RA60H3847M1-501
- RD01MUS2B-T513
- RD01MUS2-T513
- RD02LUS2-T513
- RD06HHF1-501
- RD07MUS2B-T512
- RD07MVS1-T512
- RD10MMS2-T512
- RD12MVS1-T512
- RD15HVF1-501
- RD16HHF1-501

3 . Answer

Refer to attached document "REACH-SVHC STATEMENT".

REACH-SVHC STATEMENT

This letter is to confirm that the product(s) referenced above have been evaluated against Regulation (EC) 1907/2006 of the European Parliament, “**Registration, Evaluation, and Authorization of Chemicals (REACH)**”, as interpreted by EU Court of Justice decision C-106/14 of 10 September 2015. The compliance status of the product is confirmed by the sections below.

Article 33 of EU Regulation 1907/2006:

A. The product(s) referenced above, as well as any articles* contained within the product(s), **DO NOT CONTAIN** any of the 223 REACH SVHCs as updated by ECHA on July 8, 2021 (<http://echa.europa.eu/candidate-list-table>).

B. The products(s) referenced above have been evaluated for the presence of the 223 REACH SVHCs as updated BY ECHA on July 8, 2021. The product(s) and/or articles* contained within the product(s) **MAY CONTAIN** the following SVHCs in amounts **no more than 1000ppm**, as provided in the table on the following page.

*An Article is any item within a part or component of the product which during production is given a special shape, surface or design that determines its function to a greater degree than its chemical composition. An example of articles within an electronic component would be the leads of a through-hole capacitor. For more information, please refer to Example 21 of the EU Chemicals Agency “Guidance for Requirements on Substances in Articles” (https://echa.europa.eu/documents/10162/23036412/articles_en.pdf/cc2e3f93-8391-4944-88e4-efed5fb5112c)

Model Number	SVHC STATEMENT	COMMENT
RA03M8087M-501	B	exceptions of RoHS Directions: 7(c)I
RA07M1317M-501	B	exceptions of RoHS Directions: 7(c)I
RA07H4047M-501	B	exceptions of RoHS Directions: 7(c)I
RA07M3847M-501	B	exceptions of RoHS Directions: 7(c)I
RA07N4047M-501	B	exceptions of RoHS Directions: 7(c)I
RA33H1516M1-501	B	exceptions of RoHS Directions: 7(c)I
RA60H1317M1A-501	B	exceptions of RoHS Directions: 7(c)I
RA60H3847M1-501	B	exceptions of RoHS Directions: 7(c)I
RD01MUS2B-T513	B	exceptions of RoHS Directions: 7(a)

Model Number	SVHC STATEMENT	COMMENT
RD01MUS2-T513	B	exceptions of RoHS Directions: 7(a)
RD02LUS2-T513	B	exceptions of RoHS Directions: 7(a)
RD06HHF1-501	B	exceptions of RoHS Directions: 7(a)
RD07MUS2B-T512	A	
RD07MVS1-T512	A	
RD10MMS2-T512	A	
RD12MVS1-T512	A	
RD15HVF1-501	B	exceptions of RoHS Directions: 7(a)
RD16HHF1-501	B	exceptions of RoHS Directions: 7(a)

SVHC Name	SVHC CAS #	Location of SVHC / Article Name (if applicable)	Worst Case Concentration (ppm) of SVHC	Amount of SVHC (grams) (if available)
Lead (RA03M8087M-501)	7439-92-1	Thick film substrate Chip registers	581250 232500 (0.0580wt%)	0.0021421
Lead (RA07M1317M-501)	7439-92-1	Thick film substrate Chip registers	581250 232500 (0.0580wt%)	0.0020869
Lead (RA07H4047M-501)	7439-92-1	Thick film substrate Chip registers	581250 232500 (0.0567wt%)	0.0021008
Lead (RA07M3847M-501)	7439-92-1	Thick film substrate Chip registers	581250 232500 (0.0566wt%)	0.0021007
Lead (RA07N4047M-501)	7439-92-1	Thick film substrate Chip registers	581250 232500 (0.0566wt%)	0.0021007
Lead (RA33H1516M1-501)	7439-92-1	Chip registers	260000 (0.0002wt%)	0.0000240
Lead(RA60H1317M1A-501)	7439-92-1	Chip registers	4548490 (0.0023wt%)	0.0007048
Lead (RA60H3847M1-501)	7439-92-1	Chip registers	4548490 (0.0006wt%)	0.0001759
Lead (RD01MUS2B-T513)	7439-92-1	Diebonding paste	880000 (0.7431wt%)	0.0003344
Lead (RD01MUS2-T513)	7439-92-1	Diebonding paste	880000 (0.7431wt%)	0.0003344
Lead (RD02LUS2-T513)	7439-92-1	Diebonding paste	880000 (0.7431wt%)	0.0003344
Lead (RD06HHF1-501)	7439-92-1	Diebonding paste	880000 (0.0381wt%)	0.0007128
Lead (RD15HVF1-501)	7439-92-1	Diebonding paste	880000 (0.0381wt%)	0.0007128
Lead (RD16HHF1-501)	7439-92-1	Diebonding paste	880000 (0.0381wt%)	0.0007128

These products include lead in high melting temperature type solders, which are applicable to the following exceptions of RoHS Directions.

(Directive 2011/65/EU,(EU)2015/863)

7(a): Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)

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.

The latest 223 substances subject to analysis per the REACH Regulation were last updated on July 8, 2021. Please refer to the following for the most current candidate list of substances:

<http://echa.europa.eu/candidate-list-table>

Additional information on the European Union's REACH regulation can be found here:

<http://echa.europa.eu/regulations/reach>

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