

Opinion Statement

Product Carbon Footprint Verification Opinion Statement

This is to verify that: TXC CORPORATION
No. 4, Kung Yeh 6th Rd.
Ping Cheng Industrial District
Ping Cheng District
Tao Yuan City 32459
Taiwan

台灣晶技股份有限公司
台灣
桃園市平鎮區
平鎮工業區
工業六路4號
32459

Holds Statement No: PCFV 173

As a result of carrying out the verification of product life cycle greenhouse gas emissions, it is the opinion of BSI with reasonable assurance that:

- The product carbon footprint with the functional unit of per crystal oscillator of 7X series (frequency ranging: from 0.032768~125.000MHz, Body size 3.2mm x 2.5mm, weight: 0.000025kg) 每顆7X石英晶體振盪器 (頻率範圍: 0.032768~125.000MHz, 尺寸: 3.2mm x 2.5mm, 重量: 0.000025kg) is 73.04 grams of CO2 equivalent.
- No material misstatements in this product life cycle greenhouse gas emission assertion were revealed.

The product life cycle GHG data quality was verified to be acceptable against the requirements of PAS 2050:2011.

This statement shall be valid for a maximum period of two years after the latest issue date on this certificate. Should there be a change in the life cycle of the product whose GHG emissions are being assessed, the validity of this opinion statement will cease.



For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

Original Registration Date: 28/12/2016

Effective Date: 28/12/2016

Latest Revision Date: 28/12/2016

Expiry Date: 27/12/2018



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Taiwan Headquarters: 5th Floor, No. 39, Ji-Hu Rd., Nei-Hu Dist., Taipei 114, Taiwan, R.O.C.
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Location	Verification Information
TXC CORPORATION No. 4, Kung Yeh 6th Rd. Ping Cheng Industrial District Ping Cheng District Tao Yuan City 32459 Taiwan 台灣晶技股份有限公司 台灣 桃園市平鎮區 平鎮工業區 工業六路 4 號 32459	The product carbon footprint with the functional unit of per crystal oscillator of 7X series (frequency ranging: from 0.032768~125.000MHz, Body size 3.2mm x 2.5mm, weight: 0.000025kg) 每顆7X石英晶體振盪器 (頻率範圍 : 0.032768~125.000MHz , 尺寸 : 3.2mm x 2.5mm , 重量 : 0.000025kg) is 73.04 grams of CO2 equivalent.

Additional information

Product related information is as follows:

- System boundary for this product : Cradle to gate
The product system boundary is consistent with its system boundary definition in the PCF report for product carbon footprint, which involves the acquisition of materials, process activity and the transportation of raw materials in the product life cycle.
- The data in this product life cycle greenhouse gas inventory report is from January 1, 2015 to December 31, 2015.
- The primary activity data include related facilities from its own processes under the operational control of the organization.
- The secondary data include relative factors from public sources and LCA software DoIT Pro: 2013.

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