

MasterCard Worldwide
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BIOSMART Co., Ltd
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KOREA

June 18, 2009

MasterCard® *PayPass*™ Vendor Product – Letter of Approval

Approval Identifier: CLOA-BIOS080901-090519(a), expires on December 19, 2010
Product Vendor: BIOSMART Co., Ltd
Product Commercial Name: BIOM01 using Keycorp PayPass MICA1412 for MULTOS on 36K I4F Type A
Product Technical Name: BIOM01 using Keycorp I4F(1-1-2) on SLE66CLX360PEM Type A
Registration Number: DI/BIOS/0809/01/PPMICA/CxA

Under the terms of the *PayPass* Specification License Agreement dated December 9, 2008, this letter permits you to advise your customers that the above product has successfully completed the requirements for a vendor product approval by MasterCard as a ***PayPass* – M/Chip 4 v1.3.1, 3 lines embossing ID-1 Card with a Full antenna (Type A; T=0 and T=1).**

Please see page 2 for the Conditions of Approval.

This letter does not constitute an endorsement or warranty by MasterCard regarding the functionality, quality or performance of the submitted product, including without limitation any warranties of merchantability, fitness for purpose or non-infringement, all of which are expressly disclaimed by MasterCard.

The product will be listed on the MasterCard *PayPass* web site as an approved *PayPass* vendor product until the Approval Expiration Date. Any change to the product must be promptly notified to MasterCard.

MasterCard reserves the right to use any approved *PayPass* product as a reference for future testing, certification or approval of other *PayPass* products.

Yours sincerely,

Arnaud du Chéné,
Senior Business Leader
Chip Center of Excellence
MasterCard Worldwide

Details of Vendor Product Approval

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Registration Number:	DI/BIOS/0809/01/PPMICA/CxA
CAST References:	CCN0247, expires on December 19, 2010
Test Assessment References:	PPMC4 A-BIOS080901A1-CxA-FIM-0905-C012 PPMC4 D-KEYC080305A2-PA-FIM-0508-0001

MasterCard Reference Specifications

<i>PayPass – ISO/IEC 14443 Implementation Specification – Version 1.1– Mar. 2006</i>
<i>PayPass – M/Chip Technical Specifications – Version 1.3.1 – September, 2008</i>
<i>PayPass – M/Chip Application Note #12 – September 15, 2008</i>
<i>PayPass Application Note #2 (170 500 ms Performance Policy) – January 30, 2008</i>
<i>Chip Authentication Program Functional Architecture – February 2007</i>

Conditions of Approval

None

Product Technical Restrictions

None

Issuer Implementation Notes

None