

**MasterCard Worldwide**

2000 Purchase Street  
Purchase, NY 10577  
U.S.A



Mr Jean-Luc Salles  
Avenue du Pic de Bertagne  
BP100 – 13881 Gemenos Cedex  
France

February 23, 2009

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

Approval Identifier: CLOA-GEMA090202-090223, expires on February 23, 2010, extended to February 23, 2012  
Product Vendor: Gemalto  
Commercial Product Name: Clarista Contactless D8 R2  
Technical Product Name: GCX4.3B-E8-MchpFlex1.07R-C0A-HalfA  
Registration Number: DI/GEMA/0902/02/PPMCFU/C0A

**In February 2009, MasterCard decided to extend the validity of Letters of Approval to a period of three years. This letter implements that decision and updates the expiration date.**

Under the terms of the *PayPass* Specification License Agreement dated December 13, 2004, 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* – MagStripe M/Chip Flex with UKIS 4 lines embossing ID-1 Card with a half antenna (Type A, T=0).

**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

Approval Identifier:	CLOA-GEMA090202-090223, expires on February 23, 2010, extended to February 23, 2012
Product Vendor:	Gemalto
Commercial Product Name:	Clarista Contactless D8 R2
Technical Product Name:	GCX4.3B-E8-MchpFlex1.07R-C0A-HalfA
Registration Number:	DI/GEMA/0902/02/PPMCFU/C0A
Test Assessment References:	PPMCF A-GEMA090202A1-C0A-FIM-0902-C011 PPMCF D-GEMA090202A1-C0A-FIM-0902-C011

### MasterCard Reference Specifications

<i>PayPass</i> – ISO/IEC 14443 Implementation Specification – Version 1.1– Mar. 2006
<i>PayPass</i> – M/Chip Flex Technical Specifications – Version 1.1 – October 11, 2006
<i>PayPass</i> – M/Chip Flex Application Note #2 – October 11, 2006
<i>PayPass</i> Application Note #3 (400 ms Performance Policy) – January 13, 2009

### Conditions of Approval

None

### Product Technical Restrictions

None

### Issuer Implementation Notes

None