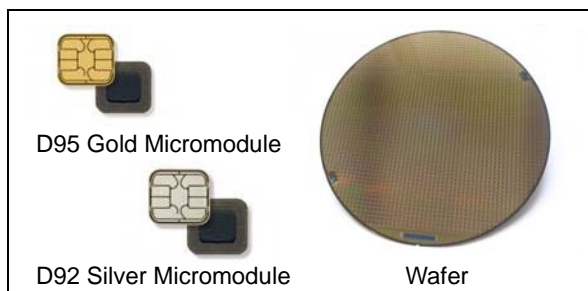

**Visa® GlobalPlatform™ Program - Latin America - VSDC
Java Card™ Static platform with 8 Kbytes of EEPROM – Contact**

Data brief



- PSE 2.2 (Payment System Environment) for application selection

Cryptography

- Enhanced DES accelerator (EDES) for DES and 3DES support

Personalization

- EMV CPS v2.0 compliant
- VSDC Personalization Specification v 2.0

Delivery forms

- Swan/unsaved wafers
- 6-contact and 8-contact gold and silver modules

Features

- Java Card™ Static platform
- 8 Kbytes user NVM
- Embedded Visa® VSDC application
- CPS personalization
- Visa® certified
- Product dedicated for the Visa® GlobalPlatform™ Program - Latin America

Platform

- Java Card™ 2.2.2 operating system
- GlobalPlatform™ 2.1.1 API support
- Common Personalization Specification (CPS) compliant
- ISO/IEC 7816 T=0 contact protocol

Hardware

- Highly secure ST23 MCU with enhanced 8/16-bit architecture
- 8 Kbytes of User non-volatile memory

Applications

- Payment applications embedded in ROM
- VSDC 2.8.1am2 for EMV SDA payment applications
- DPA (Dynamic Passcode Authentication)

1 Description

The STPay-JS-S8C-VE is Java Static platform for payment applications with 8 K bytes of user Non Volatile Memory (NVM).

The STPay-JS-S8C-VE is a product dedicated for the Visa® program in Latin America. It has Visa® VSDC SDA per-loaded in ROM memory.

The STPay System-on-Chip (SoC) family is a packaged offering by ST, comprising a highly secure micro-controller, embedded application SW, tools and support, aimed at serving the needs of card embedder and personalization bureaus worldwide.

2 Certifications

- Visa® VSDC

3 Development tools

The STPay tool is an easy to use toolkit that allows issuers and service providers to:

- Personalize, test and validate STPay-Java sample cards

The tool comes with sample personalization scripts for VSDC to facilitate script development/validation and rapid card deployment.

4 Revision history

Table 1. Document revision history

Date	Revision	Changes
9-Oct-2014	1	Initial release.



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