



# Dual Interface Test Card Set Summary

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Powered by



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## Revision History

Version	Date	Updated By	Revisions
1.30	30-Aug-16	B2PS	Initial document
2.00	06-Nov-20	B2PS	All cards – updated cardstock support, where applicable “MasterCard” > “Mastercard”
3.00	26-Mar-21	B2PS	Mastercards have longer Issuer Public Key Certificate

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**CAUTION**

Multiple consecutive incorrect PIN entry attempts may result in the card being blocked.  
 This is known as being 'PIN Blocked'.  
 If this occurs, it will no longer be possible to enter an Offline PIN  
 which will cause all future transactions to be declined.

**\*\*\* It is not possible to unblock a 'PIN Blocked' card \*\*\***

## Chapter 1 - B2 Dual Interface Test Card Profiles

Cards in the B2 Dual Interface (DI) Test Card Set have EMV Contact, EMV Contactless, MSD Contactless and magnetic stripe interfaces. Cards may be inserted, tapped or swiped.

All cards have the following attributes:

- **Interfaces:** Contact, Contactless, Magstripe
- **Language Preference:** English
- **Service Code:** 201
- **Issuer Country Code:** 840 – USA
- **Currency Code:** 840 – USD

Specific card details are as follows.

	DI Test Card 01	DI Test Card 03	DI Test Card 05
Brand	Visa	Visa	Visa
Card Type	Online Only	Online Preferred	Offline Preferred
AID	A0000000031010	A0000000031010	A0000000031010
PAN	476173 ***** 0119	476173 ***** 0119	476173 ***** 0119
Expiry Date	12/2022	12/2022	12/2022
CVM	<a href="#">See Card Definition</a>	<a href="#">See Card Definition</a>	<a href="#">See Card Definition</a>
Approval Amount	\$10.00	\$10.00	\$10.00
PIN	1234	1234	1234
Card Version	v2.x	v2.x	v2.x

	DI Test Card 02	DI Test Card 04	DI Test Card 06
Brand	Mastercard	Mastercard	Mastercard
Card Type	Online Only	Online Preferred	Offline Preferred
AID	A0000000041010	A0000000041010	A0000000041010
PAN	541333 ***** 4111	541333 ***** 4111	541333 ***** 4111
Expiry Date	12/2025	12/2025	12/2025
CVM	<a href="#">See Card Definition</a>	<a href="#">See Card Definition</a>	<a href="#">See Card Definition</a>
Approval Amount	\$20.00	\$20.00	\$20.00
PIN	4315	4315	4315
Card Version	v3.x	v3.x	v3.x

## 1.1 DI Test Card 01 - Visa, Online Only, PIN=1234

Visa (Online Only) Dual Interface card.

The recommended transaction amount to generate a host approval is \$10.00.

### 1.1.1 CVM List – AID (A0000000031010)

Cardholder Verification Method List ('0201 4204 1E04 0005 5E00 1F00')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended cash	Fail
2	Online PIN	Manual cash	Next CVM
3	Signature (paper)	Manual cash	Fail
4	Fail CVM processing	Purchase with cashback	Fail
5	Signature (paper)	Always	Next CVM
6	No CVM required	Always	Fail

## 1.2 DI Test Card 02 - Mastercard, Online Only, PIN=4315

Mastercard (Online Only) Dual Interface card.

The recommended transaction amount to generate a host approval is \$20.00.

### 1.2.1 CVM List – AID (A0000000041010)

Cardholder Verification Method List ('4203 1E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Terminal supports CVM type	Next CVM
2	Signature (paper)	Terminal supports CVM type	Fail
3	No CVM required	Terminal supports CVM type	Fail

### 1.2.2 CVM List – AID (A0000000041010) Contactless

Cardholder Verification Method List ('4203 1E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Terminal supports CVM type	Next CVM
2	Signature (paper)	Terminal supports CVM type	Fail
3	No CVM required	Terminal supports CVM type	Fail

### 1.3 DI Test Card 03 - Visa, Online Preferred, PIN=1234

Visa (Online Preferred) Dual Interface card.

The recommended transaction amount to generate a host approval is \$10.00.

#### 1.3.1 CVM List – AID (A0000000031010)

Cardholder Verification Method List ('4201 4403 4103 4203 1E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended cash	Next CVM
2	Offline Enciphered PIN	Terminal supports CVM type	Next CVM
3	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
4	Online PIN	Terminal supports CVM type	Next CVM
5	Signature (paper)	Terminal supports CVM type	Fail
6	No CVM required	Terminal supports CVM type	Fail

### 1.4 DI Test Card 04 - Mastercard, Online Preferred, PIN=4315

Mastercard (Online Preferred) Dual Interface card.

The recommended transaction amount to generate a host approval is \$20.00.

#### 1.4.1 CVM List – AID (A0000000041010)

Cardholder Verification Method List ('4201 4403 4103 4203 1E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended cash	Next CVM
2	Offline Enciphered PIN	Terminal supports CVM type	Next CVM
3	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
4	Online PIN	Terminal supports CVM type	Next CVM
5	Signature (paper)	Terminal supports CVM type	Fail
6	No CVM required	Terminal supports CVM type	Fail

#### 1.4.2 CVM List – AID (A0000000041010) Contactless

Cardholder Verification Method List ('4203 1E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Terminal supports CVM type	Next CVM
2	Signature (paper)	Terminal supports CVM type	Fail
3	No CVM required	Terminal supports CVM type	Fail

### 1.5 DI Test Card 05 - Visa, Offline Preferred, PIN=1234

Visa (Offline Preferred) Dual Interface card.

The recommended transaction amount to generate a host approval is \$10.00.

#### 1.5.1 CVM List – AID (A0000000031010)

Cardholder Verification Method List ('4201 4403 4103 4203 1E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended cash	Next CVM
2	Offline Enciphered PIN	Terminal supports CVM type	Next CVM
3	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
4	Online PIN	Terminal supports CVM type	Next CVM
5	Signature (paper)	Terminal supports CVM type	Fail
6	No CVM required	Terminal supports CVM type	Fail

### 1.6 DI Test Card 06 - Mastercard, Offline Preferred, PIN=4315

Mastercard (Offline Preferred) Dual Interface card.

The recommended transaction amount to generate a host approval is \$20.00.

#### 1.6.1 CVM List – AID (A0000000041010)

Cardholder Verification Method List ('4201 4403 4103 4203 1E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended cash	Next CVM
2	Offline Enciphered PIN	Terminal supports CVM type	Next CVM
3	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
4	Online PIN	Terminal supports CVM type	Next CVM
5	Signature (paper)	Terminal supports CVM type	Fail
6	No CVM required	Terminal supports CVM type	Fail

#### 1.6.2 CVM List – AID (A0000000041010) Contactless

Cardholder Verification Method List ('4203 1E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Terminal supports CVM type	Next CVM
2	Signature (paper)	Terminal supports CVM type	Fail
3	No CVM required	Terminal supports CVM type	Fail