

MIFARE DESFire + Prox Embeddable Card - 385 / 1457

Based on open global standards for security, and is interoperable with existing MIFARE DESFire infrastructures with the addition of Proximity technology for easier migration. All MIFARE DESFire EV1 cards can be order either with or without SIO encoding. Use of a1451 or 1457 for SIO encoding using the CP1000 will consume a chargeable credit.

Ensure each required option has been checked with the appropriate choice to fulfill a completed order form.

Card with SIO encoding + Prox (Recommended)

- ☐ 3850 Composite 40% Polyester / PVC*

MIFARE DESFire EV1 Memory Size

- ☒ C - 8K Bytes DESFire EV1

Programming (select one option)

- ☐ P - Programmed 13.56 MHz with Security Identity Object (SIO) for MIFARE DESFire EV1, unprogrammed 125 kHz HID Prox (for use with iCLASS SE Encoder)
- ☐ R - Programmed 13.56 MHz with Security Identity Object (SIO) for MIFARE DESFire EV1, programmed 125 kHz HID Prox or Indala
- ☐ V - Unprogrammed 13.56 MHz with Secure Identity object (SIO) for MIFARE DESFire EV1 for use with iCLASS SE Encoder (SIO), unprogrammed 125 kHz HIDProx for use with iCLASS SE Encoder.

OR Card without SIO encoding + Prox

- ☐ 1457 Composite 40% Polyester / PVC*

*HITAG based cards are not available with composite

MIFARE DESFire EV1 Memory Size

- ☒ C - 8K Bytes DESFire EV1

Programming (select one option)

- ☐ L - Programmed 125 kHz HID Prox or Indala, unprogrammed 13.56 MHz DESFire EV1 for SE Encoder (custom).
- ☐ N - Unprogrammed 13.56 MHz DESFire EV1 for iCLASS SE Encoder (custom), unprogrammed 125 kHz HID Prox for iCLASS SE Encoder.
- ☐ S - Custom programmed 13.56 MHz DESFire EV1, unprogrammed HID Prox for iCLASS SE Encoder, custom part number required
- ☐ R - Custom programmed 13.56 MHz, programmed 125 kHz HID Prox or Indala, custom part number required
- ☐ F - Unprogrammed 13.56 MHz DESFire EV1 for use with iCLASS SE Encoder (custom), unprogrammed HITAG 1
- ☐ G - Custom programmed 13.56 MHz DESFire EV1, unprogrammed HITAG 1, custom part number required

Front Packaging

If Custom Artwork is desired, specify Custom Artwork Number below¹

- ☒ E - Contact Module Embeddable Plain Gloss White Finish

Back Packaging (select one option)

- ☐ G - Plain White with Gloss Finish²
- ☐ 1 - Plain White with Gloss Finish with Magnetic Stripe²
- ☐ 3 - Custom Artwork with Gloss Finish with Magnetic Stripe - Specify Custom Artwork Number^{1,2}
- ☐ C - Custom Artwork with Gloss Finish - Specify Custom Artwork Number^{1,2}

13.56 MIFARE DESFire Card Numbering³ (select one option)

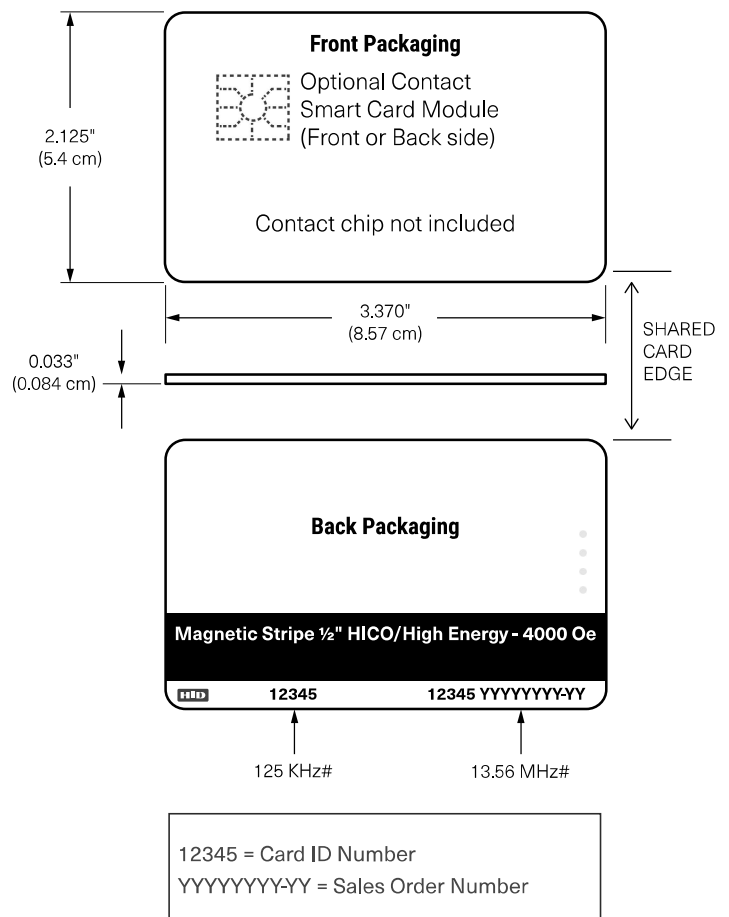
- ☐ N - No External Card Numbering
- ☐ A - Sequential Matching Internal/External (Engraved)⁴
- ☐ B - Sequential Internal/Sequential Non-Matching External (Engraved)⁴
- ☐ C - Random Internal/Non-Matching Sequential External (Engraved)⁴
- ☐ Z - Reversed UID (CSN) Decimal card numbering only (Laser Engraved)⁴

Slot Punch⁵ (select one option)

- ☐ N - No Slot Punch (Printed location of vertical slot punch will remain)
- ☐ V - Vertical Slot Punch

125 kHz Prox Card Numbering³ (select one option)

- ☐ N - No External Card Numbering
- ☐ A - Sequential Matching Internal/External (Engraved)⁴
- ☐ B - Sequential Internal/Sequential Non-Matching External (Engraved)⁴
- ☐ C - Random Internal/Non-Matching Sequential External (Engraved)⁴





Option - Custom Artwork¹

☐ _____ (Specify Artwork Number - Refer to the Custom Artwork Forms for new Artwork)

Enter your final card options from check boxes above. Example: 1457CNEGNNN

Final Part Number	1457	C		E					—	(Options #)
-------------------	------	---	--	---	--	--	--	--	---	-------------

13.56 MHz Programming Information

Format Number (e.g. H10301)	Field Name(s) e.g. Facility Code	Value	QTY	Encoded Start Number	Encoded Stop Number
Bit Numbers (e.g. 26 bit)				Printed Start Number	Printed Stop Number


125 kHz Programming Information

Format Number (e.g. H10301)	Field Name(s) e.g. Facility Code	Value	QTY	Encoded Start Number	Encoded Stop Number
Bit Numbers (e.g. 26 bit)				Printed Start Number	Printed Stop Number

Special Instructions:	
-----------------------	--

For Contact Smart Chip selection, contact your Regional Sales Representative. Standard configuration does not include a contact smart chip module.

¹ For new artwork files, contact Customer Service for custom artwork number, lead times, and cost.

² Cards ordered with plain white front and back packaging, with no HID artwork or with custom artwork, will still have a small HID logo  and reference number printed in the lower left-hand corner and a slot punch target printed on the back of the card.

³ The external card number is placed in the bottom left-hand corner (125 kHz) and in the bottom right-hand corner (13.56 MHz) on the back of the card on Prox Programming only. Permanent unique MIFARE 56 Bit serial # cannot be printed on cards.

⁴ When printed, by default the number is encoded MSB (most significant byte) -> LSB (least significant byte).

⁵ Cards are provided with an optional slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Consult with the printer manufacturer prior to ordering.

⁶ Includes a permanent Unique MIFARE 56 Bit Serial number.

* The composite construction is recommended for all cards with over-laminate applied.