



LINQS NXP Desfire 8K EV1 Plain PVC NFC Card

SKU: C_D8K_21

- 8KB NXP Desfire EV1 card for secure, multi app NFC projects
- Durable PVC, water resistant, CR80 credit card size
- ISO/IEC 14443A Type 4 for broad reader compatibility
- Blank white, custom printable from 500 units



Brand	LINQS
Form Factor	Card
Chip Type	Desfire 8K EV1 NXP
Unit Weight (g)	6.7
Works on Metal	No
In Stock	Yes

SPECIFICATIONS

Chip Specifications		Physical Properties	
Chip Brand	NXP	Form	Card
Input Capacitance	70pF	Material	PVC
Total Memory	8192 bytes	Size	85.6 x 54 mm
UID Size	7 bytes	Size Category	Standard
User Memory	8192 bytes		
NFC Chip Datasheet	https://www.nxp.com/docs/en/data-sheet/MF3ICDX21_41_81_SDS.pdf		



NFC Protocol	
NFC Chip Model	MIFARE DESFire EV1 8K
NFC Forum Type	Type 4
Operating Frequency	13.56 MHz
Standard	ISO/IEC 14443A + ISO/IEC 14443-4
Phone Compatibility	Android with NFC, iPhone 7 onwards

Performance	
Data Retention	10 years
Data Transfer Rate	106-848 kbit/s
Fast Read	Yes
Scan Strength	Good
Write Endurance	500000 cycles

Security Features	
32-bit Password	Yes
ECC Signature	Yes
Lockable	Yes

Advanced Features	
Counter ASCII Mirror	No
Scan Counter	No
UID ASCII Mirror	No

Fulfillment	
Custom Printing MOQ	500
Lead Time	1 Day
Release Year	2009

Chip Quality	
Tap Success Rate	High
Weak Field Tolerance	Excellent
Batch Consistency	Consistent
Supply Chain	Traceable
NDEF Compatibility	Predictable
Reader Compatibility	Broad
Config Stability	Stable
Lock Behavior	Reliable
Write Speed	Fast
Heat Tolerance	Robust
ESD Protection	High
Documentation	Extensive



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PRODUCT DATA SHEET

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RESOURCES

Buy Online

<https://shop.linqs.in/product/nfc-nxp-desfire-8k-ev1-plain-pvc-card>

Product Video

<https://youtube.com/shorts/dTQavab26A8>

