



## LINQS MIFARE Ultralight White NFC Sticker

SKU: NH\_MF\_ALW

- 30mm NFC paper sticker with adhesive backing
- MIFARE Ultralight EV1 chip, 512 bytes memory
- ISO/IEC 14443A Type 2, high tap success rate
- Ideal for events, packaging, and product tagging



|                 |                    |
|-----------------|--------------------|
| Brand           | LINQS              |
| Form Factor     | Sticker            |
| Chip Type       | Ultralight EV1 NXP |
| Unit Weight (g) | 0.5                |
| Works on Metal  | No                 |
| In Stock        | Yes                |

### SPECIFICATIONS

| Chip Specifications |   | Physical Properties |          |
|---------------------|---|---------------------|----------|
| Chip Brand          | NXP   | Form                | Sticker  |
| Input Capacitance   | 17pF / 50pF   | Material            | Paper    |
| Total Memory        | 80 bytes  | Size                | 25 mm    |
| UID Size            | 7 bytes   | Size Category       | Standard |
| User Memory         | 48 bytes  |                     |          |
| Counter Bits        | 24 bits   |                     |          |
| NFC Chip Datasheet  | <a href="https://www.nxp.com/docs/en/data-sheet/MF0ULX1.pdf">https://www.nxp.com/docs/en/data-sheet/MF0ULX1.pdf</a> |                     |          |



| NFC Protocol        |                                    |
|---------------------|------------------------------------|
| NFC Chip Model      | MIFARE Ultralight EV1 (MFOUL11/21) |
| NFC Forum Type      | Type 2                             |
| Operating Frequency | 13.56 MHz                          |
| Standard            | ISO/IEC 14443A (Parts 2/3)         |
| Phone Compatibility | Android with NFC, iPhone 7 onwards |

| Performance        |               |
|--------------------|---------------|
| Data Retention     | 10 years      |
| Data Transfer Rate | 106 kbit/s    |
| Fast Read          | No            |
| Scan Strength      | Low           |
| Write Endurance    | 100000 cycles |

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

| Advanced Features    |     |
|----------------------|-----|
| Counter ASCII Mirror | Yes |
| Scan Counter         | Yes |
| UID ASCII Mirror     | Yes |

| Fulfillment         |       |
|---------------------|-------|
| Custom Printing MOQ | 250   |
| Lead Time           | 1 Day |
| Release Year        | 2013  |

| 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-mifare-ultralight-white-sticker-30mm>

### Product Video

<https://www.youtube.com/shorts/fPBRemU8ifg?feature=share>

