

| 125 kHz LF Chip |                |         |                |            |                 |
|-----------------|----------------|---------|----------------|------------|-----------------|
| Chip Name       | Protocol       | Memory  | Data Retention | Read/Write | Write Endurance |
| TK4100          | ISO7815        | 64bit   | 10years        | Read-only  | 100,000         |
| EM4200          | ISO7815        | 128bit  | 10years        | Read-only  | 100,000         |
| T5577           | ISO11784/11785 | 330bit  | 10years        | Read&Write | 100,000         |
| EM4305          | ISO11784/11785 | 512bit  | 10years        | Read&Write | 100,000         |
| EM4450          | ISO11784/11785 | 1kbit   | 10years        | Read&Write | 100,000         |
| Hitag 1         | ISO11784/11785 | 2048bit | 10years        | Read&Write | 100,000         |
| Hitag2          | ISO11784/11785 | 256bit  | 10years        | Read&Write | 100,000         |

| 13.56 MHz HF Chip   |           |                      |                |            |                 |
|---------------------|-----------|----------------------|----------------|------------|-----------------|
| Chip Name           | Protocol  | Memory               | Data Retention | Read/Write | Write Endurance |
| FM11RF08            | ISO14443A | 1Kbytes              | 10years        | Read&Write | 100,000         |
| Mifare S50          | ISO14443A | 1Kbytes              | 10years        | Read&Write | 100,000         |
| Mifare S70          | ISO14443A | 4Kbytes              | 10years        | Read&Write | 100,000         |
| Mifare Ultralight   | ISO14443A | 512bit               | 10years        | Read&Write | 10,000          |
| Mifare Ultralight C | ISO14443A | 192bytes/<br>1536bit | 10years        | Read&Write | 10,000          |
| Ntag213/215/216     | ISO14443A | 144/504/888<br>bytes | 10years        | Read&Write | 10,000          |
| Mifare Desfire EV1  | ISO14443A | 2K/4K/8Kbytes        | 10years        | Read&Write | 10,000          |
| I Code Sli          | ISO15693  | 1K/1024bit           | 10years        | Read&Write | 100,000         |
| I Code Sli-X        | ISO15693  | 1Kbit                | 10years        | Read&Write | 100,000         |
| I Code Sli-S        | ISO15693  | 2K/2048bit           | 10years        | Read&Write | 100,000         |
| Tag-it 2048         | ISO15693  | 2K/2048bit           | 10years        | Read&Write | 100,000         |

| 860~960MHz UHF Chip |                 |                                    |                |            |                 |
|---------------------|-----------------|------------------------------------|----------------|------------|-----------------|
| Chip Name           | Protocol        | Memory                             | Data Retention | Read/Write | Write Endurance |
| Monza 4QT           | EPC Class1 Gen2 | EPC 128bits<br>User 512bits        | 10years        | Read&Write | 100,000         |
| Monza 5             | EPC Class1 Gen2 | EPC 128bits<br>User 32bits         | 10years        | Read&Write | 100,000         |
| Higgs-3             | EPC Class1 Gen2 | EPC 96bits<br>User 512bits         | 10years        | Read&Write | 100,000         |
| Higgs-4             | EPC Class1 Gen2 | EPC 128bits<br>User 512bits        | 10years        | Read&Write | 100,000         |
| UCODE 7             | EPC Class1 Gen2 | EPC 128bits                        | 10years        | Read&Write | 100,000         |
| EM4423              | EPC Class1 Gen2 | EPC 128/224bits<br>User 160/64bits | 10years        | Read&Write | 100,000         |
| UCODE G2IL          | EPC Class1 Gen2 | EPC 128bits                        | 10years        | Read&Write | 100,000         |

| Common contact chip |          |         |                |            |                 |
|---------------------|----------|---------|----------------|------------|-----------------|
| Chip Name           | Protocol | Memory  | Data Retention | Read/Write | Write Endurance |
| 5542                | Sle5542  | 512bits | 10years        | Read&Write | 100,000         |
| 5528                | Sle5528  | 96bits  | 10years        | Read&Write | 100,000         |
| 4442                | Sle4442  | 512bits | 10years        | Read&Write | 100,000         |
| 4428                | Sle4428  | 128bits | 10years        | Read&Write | 100,000         |