

## Supported Card Types

### Legend:

✓: Default reading from stock/feature supported

B: Raw binary data

C: Configuration required

F: Special firmware required

H: Hash value

L: License required except for Multi-HID products

R: Read only; write on request

<sup>1</sup> VHL Read/Write not supported by Ethernet firmware

<sup>2</sup> Only plain access

<sup>3</sup> Not supported with ID-engine XE 10091-3xx-yy

<sup>4</sup> Physical access to card type

<sup>5</sup> Number sent when card is selected; may also be a random ID

<sup>6</sup> Number sent when card is selected; readability of random IDs must be checked individually

<sup>7</sup> Access without authentication

Product	Supported Transponder Types	UID <sup>6</sup> (chip serial number) reading (Autoread)											
		Multi/HF	Multi/HF-Legic	Multi/HF	Multi/HF-Legic	Multi/HF	Multi/HF-Legic	Multi/HF	Multi/HF-Legic	Multi/HF	Multi/HF-Legic	Multi/HF	Multi/HF-Legic
125 kHz	ATMEL ATA5575M1 Unique Format	✓	✓										
	ATMEL ATA5575M2	F	F										
	ATMEL ATA5577xx/ATA5551xx	F	F										
	AWID Proximity/LF	✓	✓										
	Cardax	C	C										
	CASI-RUSCO	✓	✓										
	Cotag <sup>3</sup>	✓	✓										
	Deister	✓	✓										
	EM 4100/EM 4102/EM 4005/EM 4105/EM 4200	✓	✓										
	EM 4205/EM 4305	✓	✓	C	C								
EM 4450/EM 4550	✓	✓	C	C								R	
EM4582	F	F											
Farpointe Pyramid	✓	✓											
FDX-B	F	F											
G-Prox	✓	✓											
HID Prox (incl. ISO Prox (II), DuoProx (II), ProxKey (II), etc)	L	L											
HITAG 1	✓	✓	C	C								✓ <sup>2</sup>	
HITAG 2	✓	✓											
HITAG S	✓	✓	C	C								✓ <sup>2</sup>	
IDTECK <sup>3</sup>	✓	✓											
Indala ASP+	H, L	H, L											
Indala ASP	B, L	B, L											
ioProx	✓	✓											
Keri	L	L											
Miro	✓	✓											
QuadraKey	✓	✓											
Rosslare	✓	✓											
SecuraKey	✓	✓											
Sokymat UNIQUE	✓	✓											
Titan	F	F											
Zodiac	F	F											
MIFARE Classic (1k, 4k, Mini), -EV1	✓	✓			C	C	F					✓	
MIFARE DESFire, -EV1 (2k, 4k, 8k), -EV2, -EV3	✓	✓	C	C	C	C	F	F				✓	
MIFARE Plus (-S, -X, L1, L3), -EV1, -EV2	✓	✓			C	C	F	F				✓	
MIFARE Ultralight, -C, -EV1	✓	✓	✓	✓	✓	✓	F	F				✓	
NFC Forum Tag Types 2-5 <sup>4</sup>	✓	✓										✓	
ISO 14443 Type A general (examples below):	✓	✓	F	F	F	F	F	F				✓	
- Rijkspas	F	F			F	F	F	F				✓	
- NFC Forum Type 1-4 Tag	✓	✓	F	F	F	F	F	F				✓	
- NXP ProX	✓	✓	F	F	F	F	F	F				✓	
- NXP SmartMX	✓	✓	F	F	F	F	F	F				✓	
- OneSMART PayPass	✓	✓	F	F	F	F	F	F				✓	
- Infineon my-d proximity	✓	✓	F	F								F	
ISO 14443 Type B general (examples below):	✓	✓	F	F	F	F						✓	
- Calypso	✓	✓	F	F	F	F						✓	
- CEPAS	✓	✓	F	F	F	F						✓	
- SRI512/SRT512	✓	✓	F	F								✓	
FeliCa <sup>7</sup>	✓	✓	C				F					✓	
ISO 15693 general (examples below)	✓	✓	C	C	F	F						✓	
- EM4033, 4035	✓	✓	C	C								✓	
- Infineon my-d vicinity	✓	✓	C	C								✓	
- NXP ICODE	✓	✓	C	C								✓	
- Tag-it HF-I	✓	✓	C	C								✓	
Fujitsu MB89R118, -119 (ISO15693 FRAM)	✓	✓	C									✓	
LEGIC prime	✓	✓					C					✓	
LEGIC advant ISO 14443	✓	✓					C					✓	
LEGIC advant ISO 15693	✓	✓					C					✓	
HID iClass, SEOS UID enabled, Inside PicoPass	✓	✓										✓	
HID iClass, iClass SR	✓	✓					C					R	
HID iClass, SR, SEOS (SE Processor, not provided!)	✓	✓					C	F				F	
NXP SAM AV3	MIFARE Plus, DESFire	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

<sup>8</sup> Available individually (#10118-001-01) or integrated in Multi-HID products (see price list for article numbers)

Firmware 1100 version 2.00.07 and higher; for ID-engine XE (Ethernet): firmware 1094 version 1.03.00