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Reasons to Choose MIFARE DESFire



1 **Created and manufactured by NXP:**

Reports revenue exceeding \$8 billion and employs approximately 29,000 people in more than 35 countries

2 **Connects smart cities:**

Powers 750+ cities worldwide, accessed by 1.2 billion people, shipped 12 billion ICs to date, and partnered with 1,000 MIFARE community members

3 **High security:**

Provides highly secure microcontroller-based ICs for contactless and dual interface smart card schemes

4 **Contactless access:**

Transport ticketing, access control, cafeteria, copy/ print, loyalty, and e-purse

5 **Extremely affordable and easy to use:**

Simple to program through Hirsch, a certified NXP programmer, or DIY

6 **Custom cryptographic keys:**

Choose between standard or optional custom keys to protect your assets

7 **Extensive portfolio:**

Available in multiple form factors

8 **Non-proprietary:**

Open, standards-based platform easily accommodates applications of your choice

9 **Flexible memory:**

2 - 8K system helps you maximize card memory

10 **Trusted partnership:**

Hirsch is one of only five MIFARE Premium Partners