



# MrF Company

Let's Make Our Future Together!

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Our Contacts:

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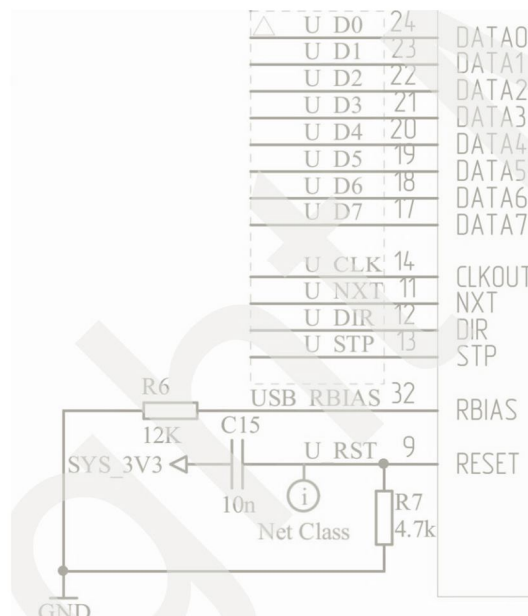
- **MrF is a developer** of various solutions for various purposes, as well as a generator of ideas for their further development.
- **MrF**, today, **offers** the provision of **services** to support and refine your solutions on the basis of our own, up to their industrial production.



- **MrF is open to** dialogue with potential **customers** to develop your own new solutions.
- **MrF is also open to** potential **investors** to refine our own solutions and projects presented on the website, with the subsequent receipt of finished products and their manufacture on an industrial scale.

**MrF has competencies in the following areas:**

- Control and measurement devices (physical parameters: temperature (various media); pressure (liquid/gas); humidity; position in space, etc.).
- Navigation.
- Telemetry.
- Converters of communication interfaces.
- Network infrastructure (up to 10 Gbit/s).
- Devices for personal use.
- FPGA prototyping.
- MCU/CPU firmware development/prototyping.





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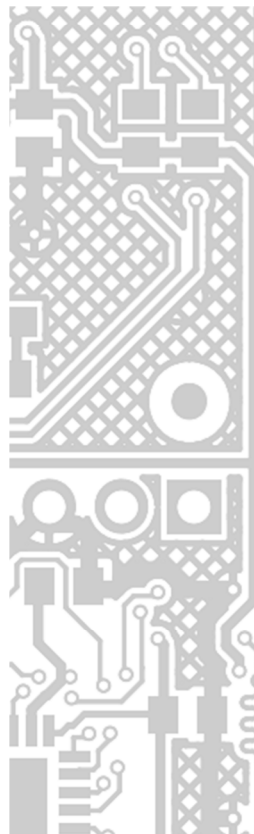
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## USB Smart SD Reader Project

**An open project for an invitation to cooperation from MrF.**



- **Without** entering a **PIN** - the device operates in the most usual mode of an SD card reader with saving information **without protection**.
- Any algorithms work to protect your data of your choice: **AES, Twofish, etc.**
- The device has small dimensions and a fairly high speed of **up to 20 Mbps** for **writing** in protected mode.
- **USB Smart SD Reader** offers a container to store any of your **secrets** which protected by one single password (up to 8 characters).
- **USB Smart SD Reader** is not just a SD card reader, but full-fledged hardware data **protection**, with the ability to separately manage memory (open/close areas).
- **USB Smart SD Reader** allows you to use an unlimited number of SD cards (respectively - **unlimited** memory for storing information), which can contain any information at the same time both in a protected form and in open form (without protection).
- **USB Smart SD Reader** device has an additional password (**PIN2**) generated and activated by the user. By entering additional password a hardware **destruction** of all SD card **information** (open and closed areas) is performed.



PC interface	USB2.0 in HS 480 Mbit/s
USB protocols	CCID, MSC, RNDIS
Speed writing with encryption	Up to 2 Mbyte/s
Speed writing without encryption	Up to 12 Mbyte/s
Encryption algorithms	AES, Twofish.
OS	Windows, Linux, Mac, Android.
Power	USB 5.0V, 100 mA

