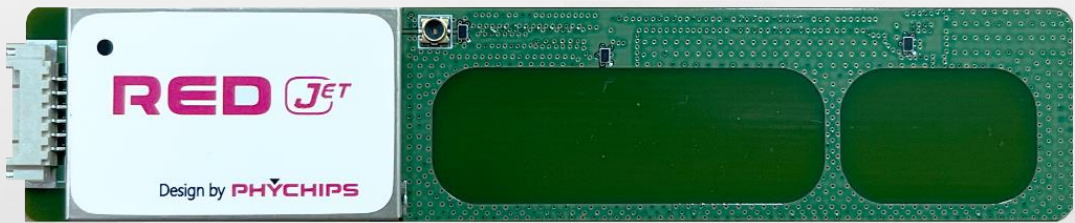




RAIN RFID Reader/Writer Module for Printer



- RAIN RFID Printer reader/writer with dual antennas
- Smart tag detection
- Support hardware, software development and customization
- Adjustable power 0~25dBm in 0.5dB step
- Support major regions (US, EU, etc.)
- Compact size

FEATURES

01

Antenna Integrated Design

- Dual antenna
- Integral structure (Module + Antenna)
- No need extra cable for antenna



02

Smart Tag Detection

- Automatic antenna selection regardless of tag location, type, and size
- Automatically optimizes the antenna and output power according to the tag
- Stable read/write even with narrow tag pitches

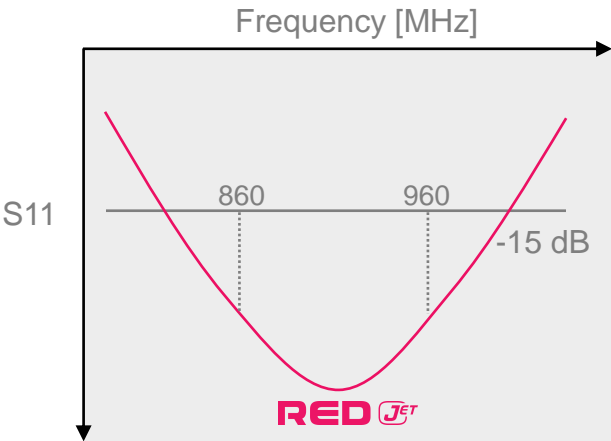


Available for **Any kind** of Tags

FEATURES

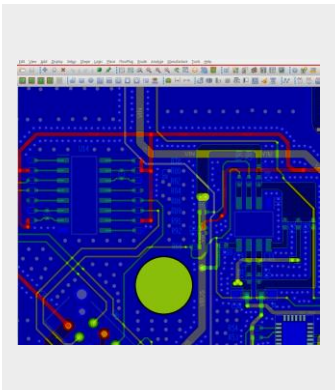
03 Support Global Band

- Wide band antenna with PHYCHIPS proprietary technology
- Supports 860 ~ 960MHz UHF Band without changing antenna matching



04 Support H/W, S/W Development & customization

- Custom design available including Schematic, Artwork, Antenna, Firmware, GUI, etc.



DESIGN PROCESS



Customer Request

PHYCHIPS listen to customer's needs and prepare the custom design



DK Evaluation

PHYCHIPS provide Design Kit of RED JET and help customer measure and derive the design parameter to optimize the performance



Performance Review

PHYCHIPS discuss measurement results with customers and review the way to optimize the performance



Board Design

PHYCHIPS modify the board design according to the result with performance review



Antenna Matching

PHYCHIPS optimize the antenna performance according to customer environment



Firmware Development

PHYCHIPS could add new customized functions and improve the firmware according to customer's requirements



Finish Design

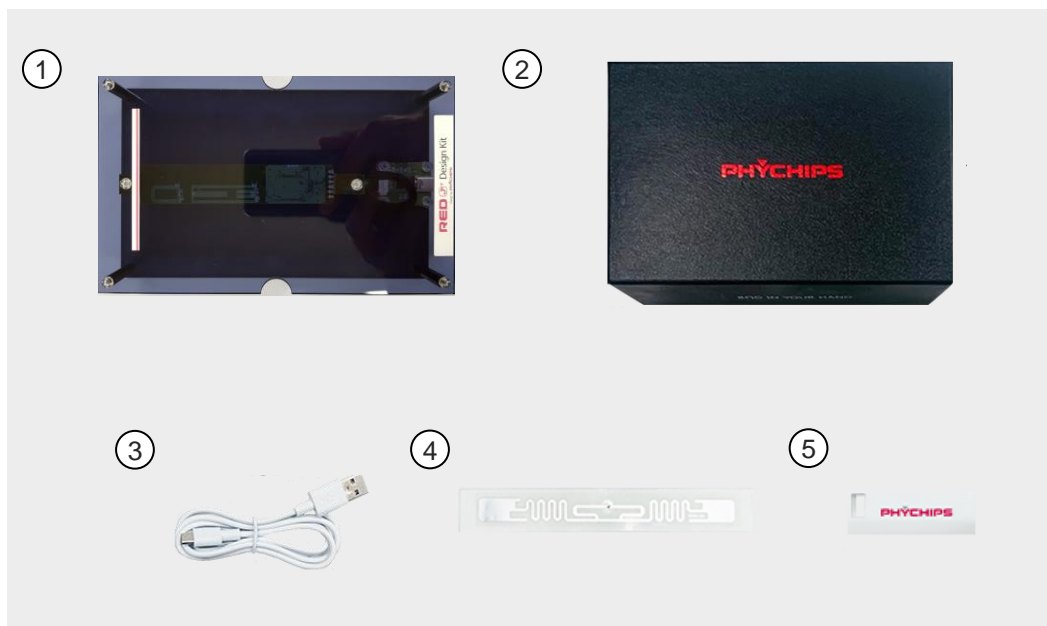
PHYCHIPS provide the customized sample to customers and prepare mass production

PHYCHIPS fully supports all processes for customer design

DK CONFIGURATION

01

Contents



① RED JET DK

④ Tag

② DK package box

⑤ USB memory

③ USB cable

02

Documents list

- RED JET specification
- RED Firmware development manual
- RED JET Utility manual
- RED JET antenna specification

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