

CREATOR Hardware introduction manual V1.0

Shenzhen Rakwireless Technology Co., Ltd.

www.rakwireless.com

info@rakwireless.com

© RAK copyright. All rights reserved.

Companies and product names referred in the instruction belong to trademarks of their respective owners.

Any part of this document may not be reproduced, and may not be stored in any retrieval system, or delivered without RAK's written permission.

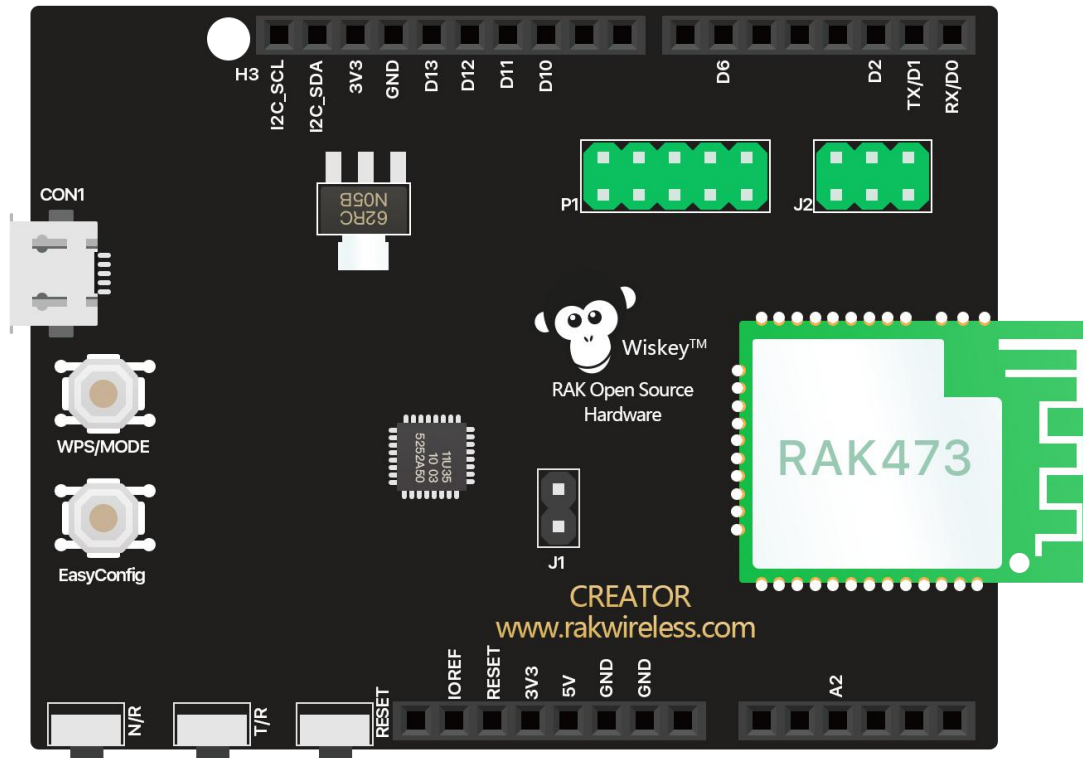
The document will be updated without prior notice.

1. Environmental requirements

- Windows PC (Win7/8/8.1/10)
- USB type A to Micro-B USB cable x 1
- RS-232 to UART board(debug) x 1
- JTAG cable x 1(option)

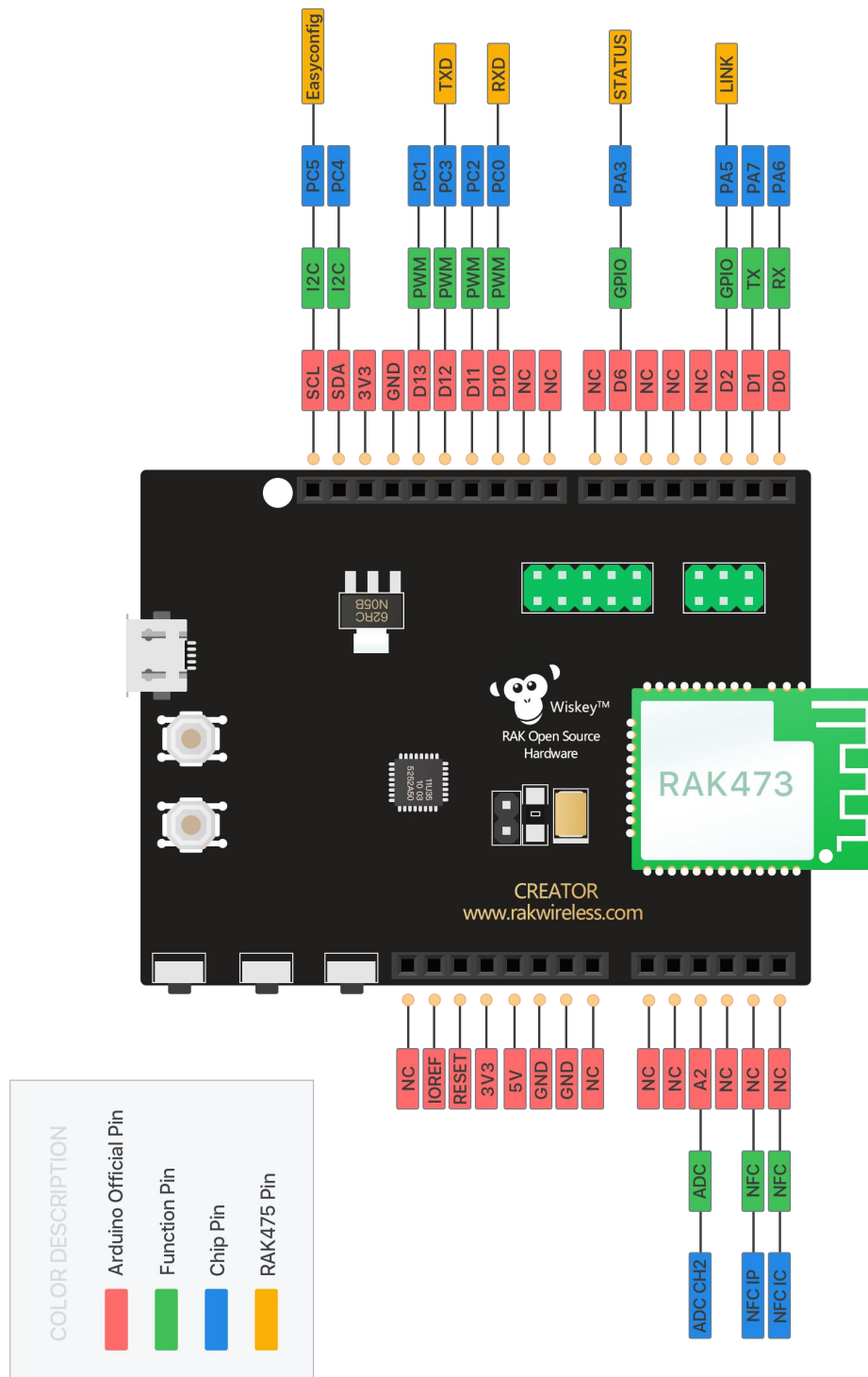
2. Board Information

- IC: RTL8711AM
- Module: RAK473/475
- HDK version: CREATOR V1.0

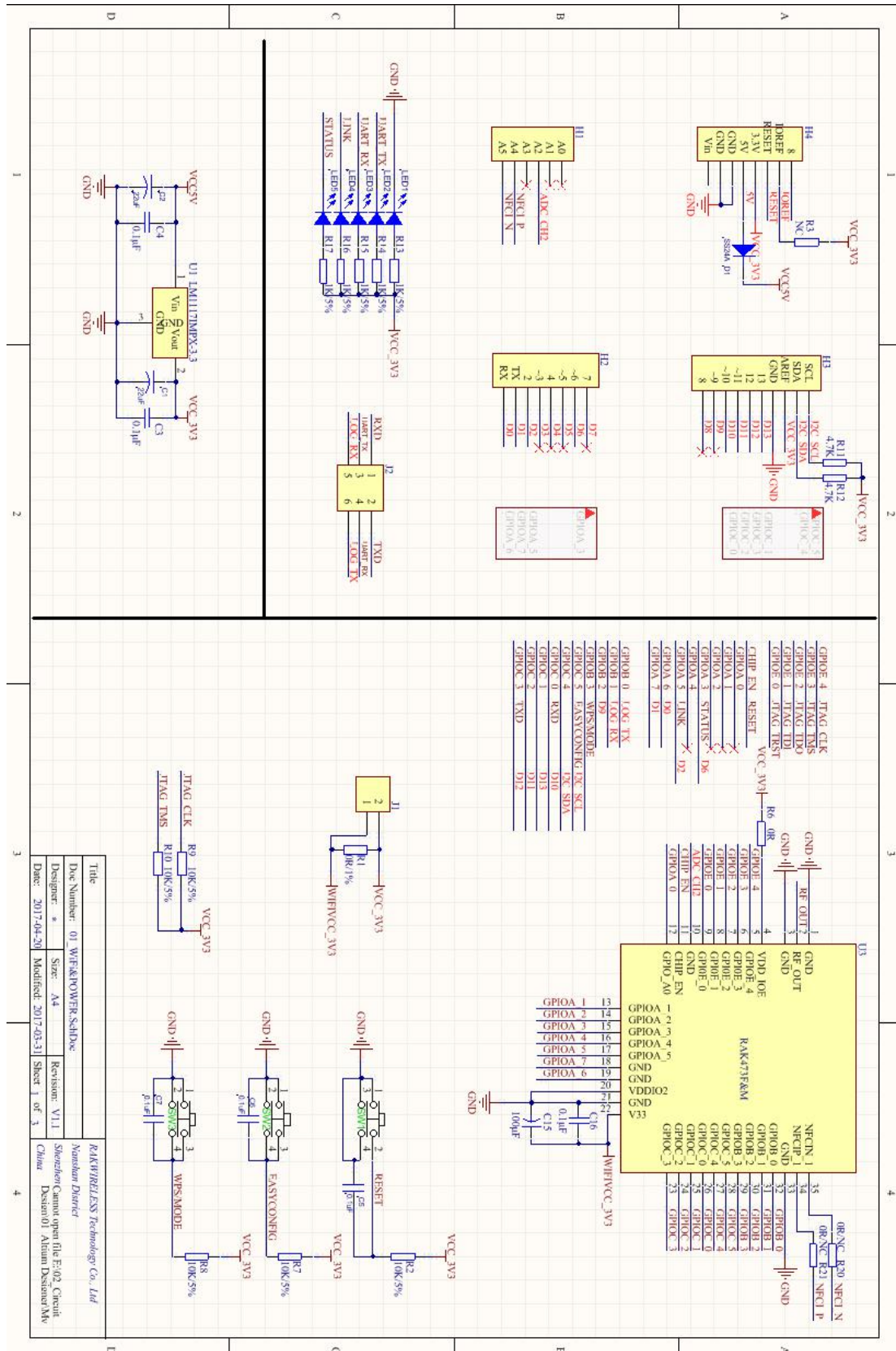


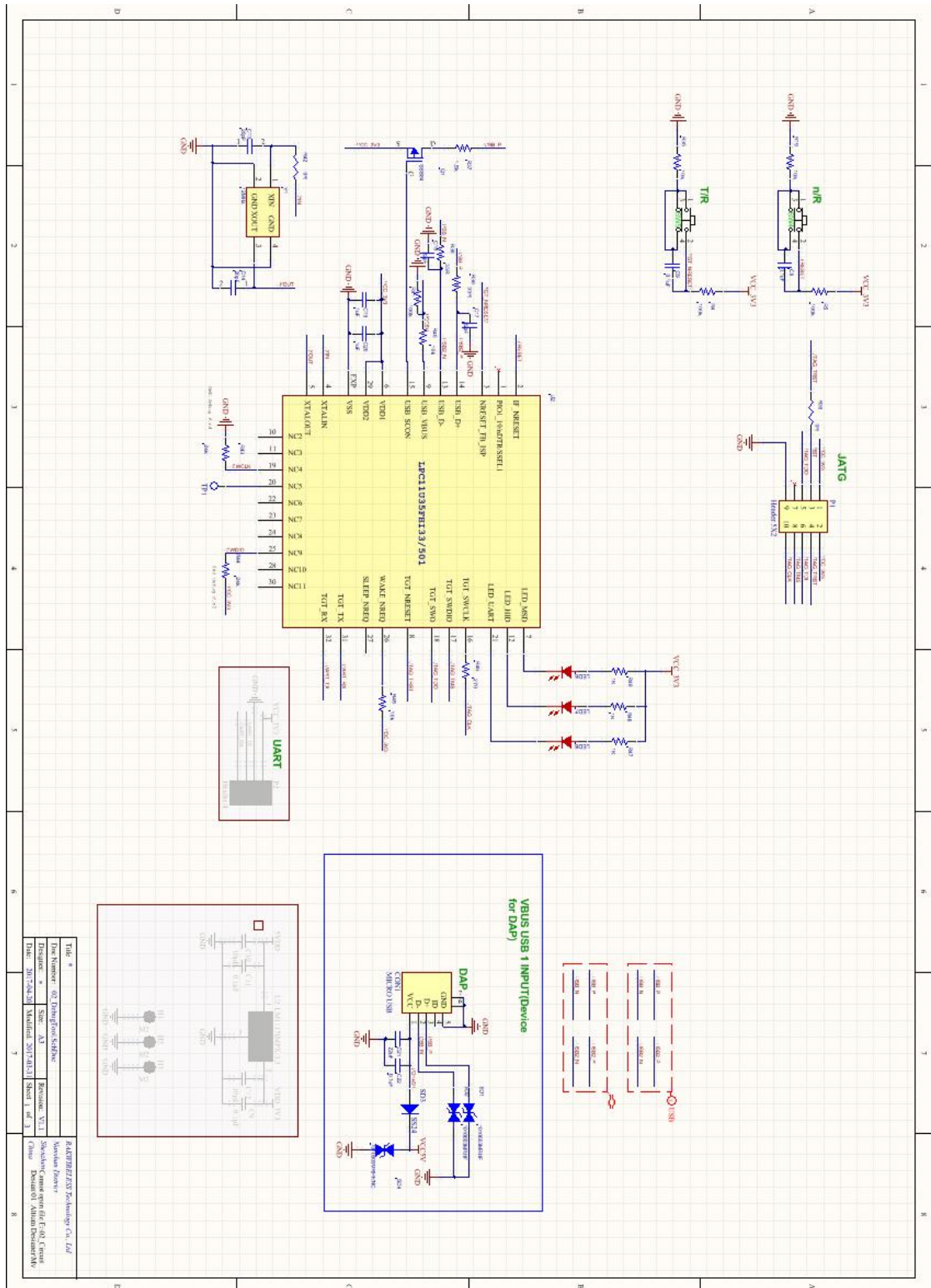
Label	Function	Description
J1	Power pin	The pin used to test the power consumption of the module
J2	UART switch pin	Can be used to switch CON1 connected to the serial port
CON1	Power	To the module power supply, and do serial output information
P1	JLINK	Available for JLINK download program
Key	WPS/MODE	The module can be used when burning 475 firmware
	EasyConfig	The module can be used when burning 475 firmware
N/R	DAP Reset	Reset DAP chip button
T/R	DAP ISP function	Start DAP ISP button
RESET	RESET	Reset the RAK473 module

3. Pin out reference



4. Reference electrical schematics





5. Version

Version	Author	Date	Content modification
V1.0	chace.cao	2017/04/20	Create document