

PRODUCT CHANGE NOTIFICATION

Document No : PCN20170621-01

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1. Basic information

Affected device (device version)

RED4

Effective date

June 21, 2017

2. Title

Change notification of RED4

– change 1 component due to discontinued part

3. Description

- 1 component is discontinued as below table

Discontinued part	Function
PE64905	Digital controlled Capacitor

- PHYCHIPS will change this component for New RED4

Discontinued part	Changing part
PE64905	PE64906

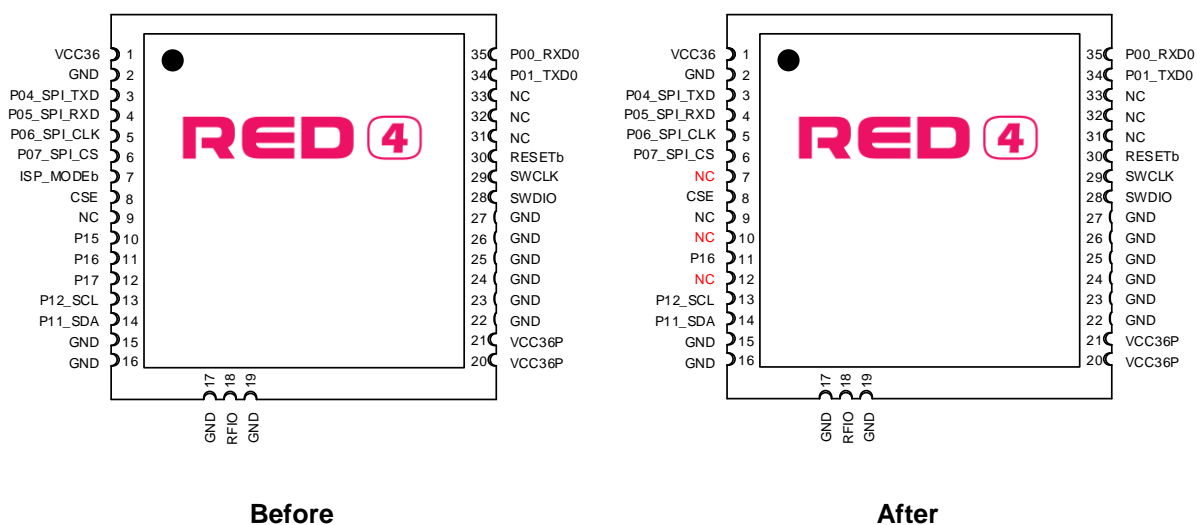
PRODUCT CHANGE NOTIFICATION: PCN20170621-01

4. Impact

4.1 change pin description

According to changing components, pin description will be changed

No	Changes	Description
1	Cannot use Pin 10 & Pin12	New part PE64906 need 2 more control pins
2	Not support ISP mode	Because P15 (pin 10) & P17(Pin 12) cannot be used No need Pin "ISP_MODEb"



4.2 National Certification

National certification doesn't need to be revised because the changed component is related to digital control.

4.3 Revised version

	Before	After
Hardware version	R4A4	R4A5
Firmware version	RED4_v2.5.x	RED4_v3.x.x

5. Summary

Due to the discontinued part, RED4 will be revised

All specifications are same except pin description: cannot use Pin 10 & Pin 12