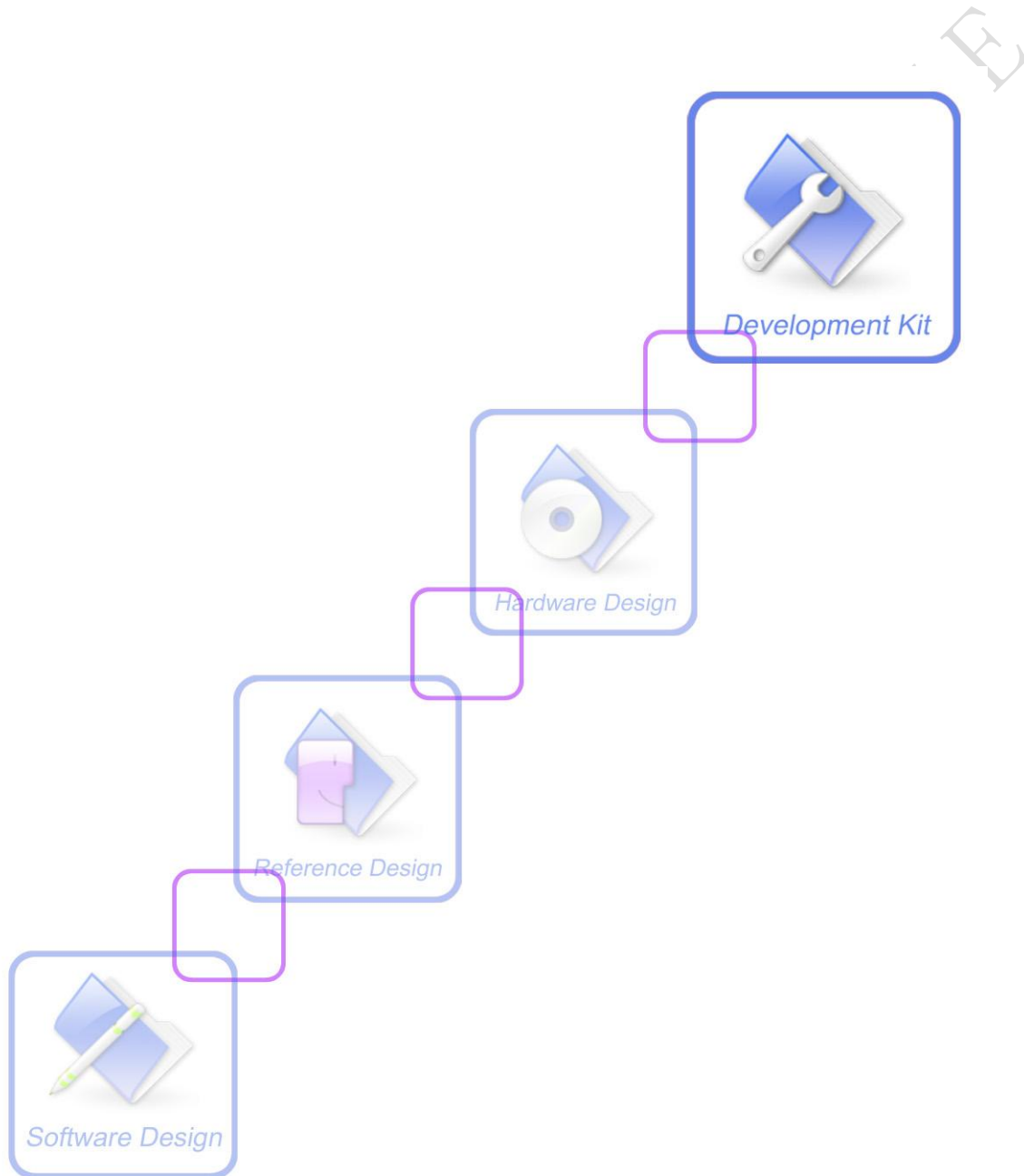


PCB cleaning guide after manual welding **V1.0**



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1 Scope of the document

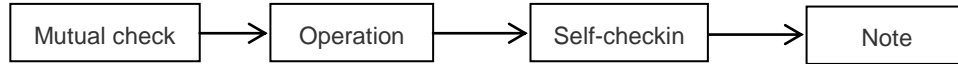
This document applies to all of versions of the SIMCom

GSM/GPRS/EDGE/TD-SCDMA/WCDMA /SRD surface mount technology modules.

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2 Scavenge pad

2.1 Process Flow:



2.2 Technological equipment:

Tweezers, Fingerstall, Antistatic wrist strap, non-dust cloth, Antistatic film cleaner

2.3 Operating steps:

1. Check on the semi-finished products which make by former procedure, focusing on whether the PCB solder have rosin connection;
2. Use a non-dust cloth wrapped around the head of the forceps, dipped into the antistatic film cleaner to clean each solder;

Note: In the cleaning process, don't allow the tip of the tweezers exposed, to avoid scratching the PCB;

After the self-checking correctly, turn to the next process.

Note:

1. The operator must wear antistatic wrist strap and anti-static fingerstall、cap;
2. Defective products need to be singled out, and put into the red turnover box, to be processed.
3. Our modules can't be immersed in cleaning agent during the cleaning process, you need to use anti-static brush dipped cleaning agent to clean the module, after do this, dry it with high-pressure air gun.

4. Can't wash the module with ultrasonic:

Our module can't be washed with ultrasonic, for it will damage our module's internal chip.

3 Recommended cleaning agent

SMT: ethyl alcohol

Manual welding: Antistatic film cleaner

4 Recommended soldering paste

SMIC soldering paste

Model number: M705-GRN360-K2-V

Contact us:

Shanghai SIMCom Wireless Solutions Ltd

Add: Building A, SIM Technology Building, No.633, Jinzhong Road, Changning District, Shanghai P.R. China 200335

Tel: +86 21 3252 3300

Fax: +86 21 3252 3301

URL: www.sim.com/wm

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