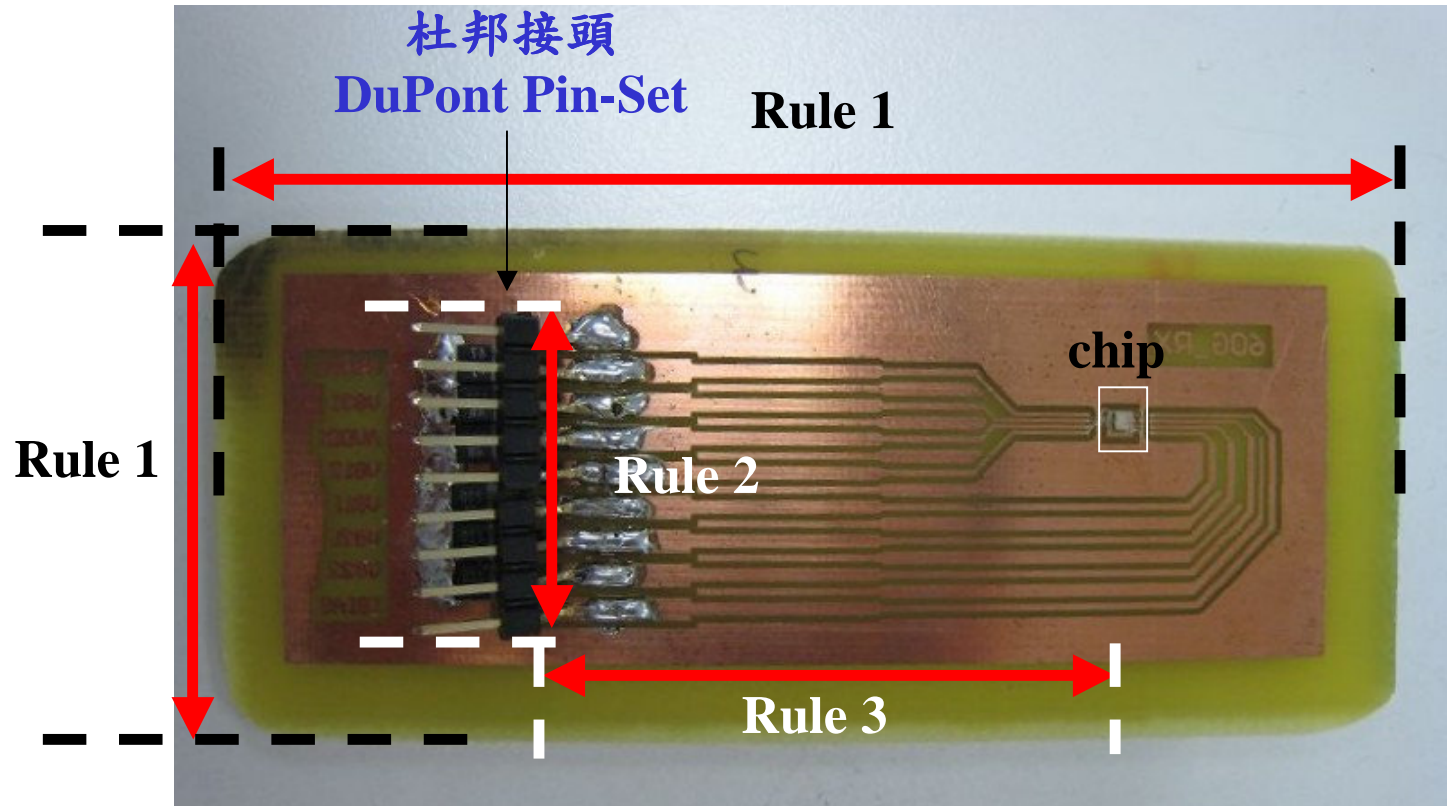
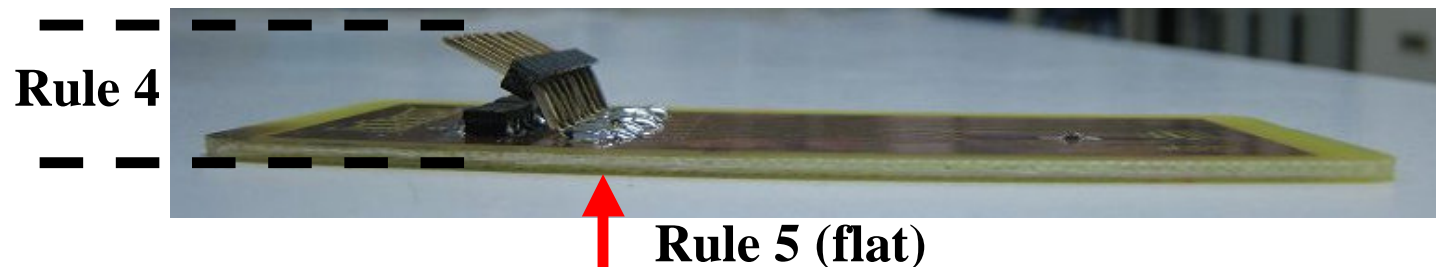


Layout Rule for Chip on PCB with DuPont Pin-Set 1/2

- About PCB -

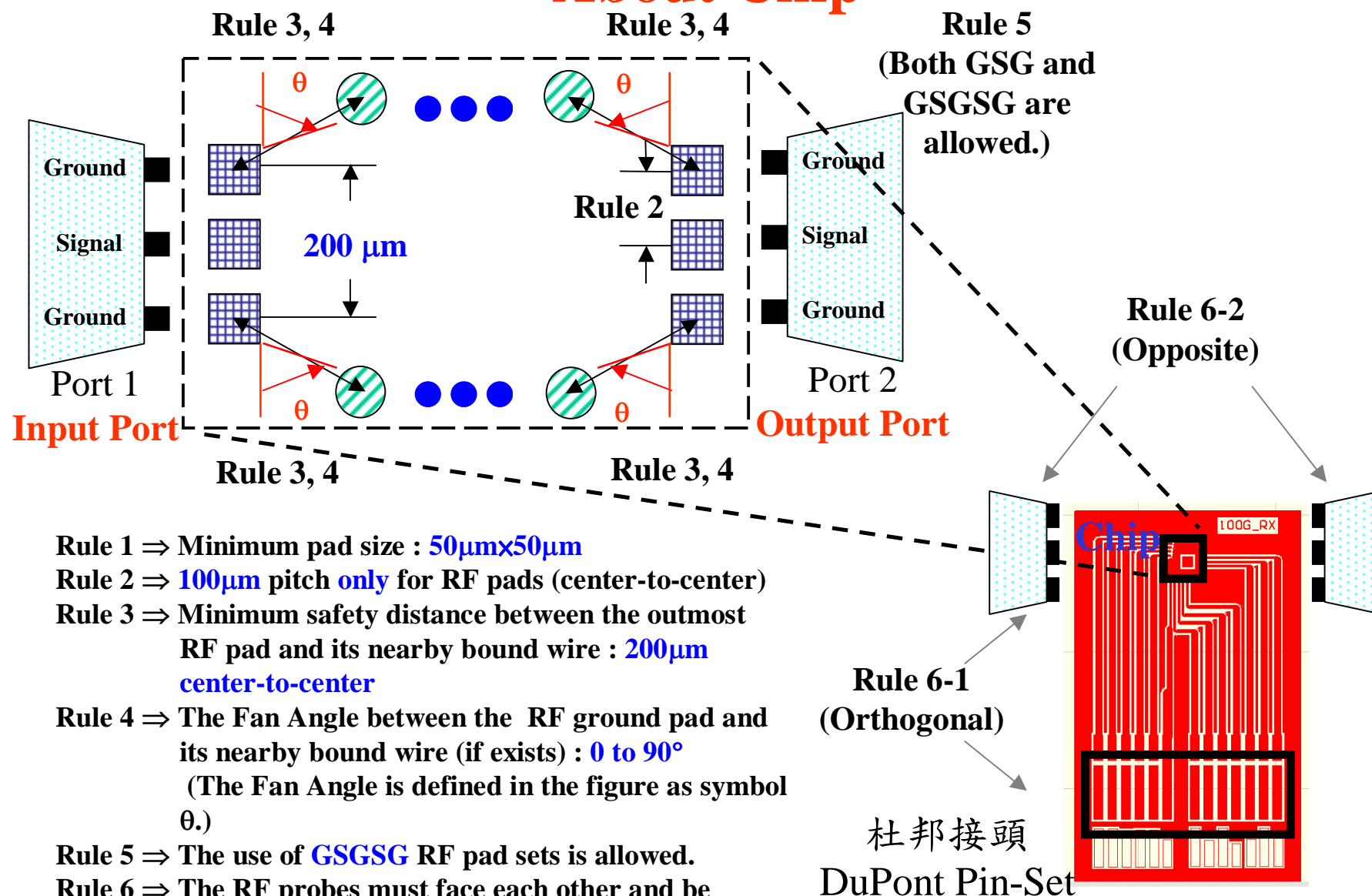


- Rule 1 → PCB's width $\leq 8\text{cm}$
- Rule 2 → DuPont Pin-Set's width $\leq 6\text{cm}$
- Rule 3 → The distance between chip and DuPont Pin-Set = 3cm
- Rule 4 → Total height (from the bottom of PCB) = 0.9cm
- Rule 5 → The PCB's bottom plan must be flat. (No welding points are allowed.)



Layout Rule for Chip on PCB with DuPont Pin-Set 2/2

- About Chip -



- Rule 1 ⇒ Minimum pad size : **50μm×50μm**
- Rule 2 ⇒ **100μm** pitch **only** for RF pads (center-to-center)
- Rule 3 ⇒ Minimum safety distance between the outmost RF pad and its nearby bound wire : **200μm center-to-center**
- Rule 4 ⇒ The Fan Angle between the RF ground pad and its nearby bound wire (if exists) : **0 to 90°**
(The Fan Angle is defined in the figure as symbol θ .)
- Rule 5 ⇒ The use of **GSGSG** RF pad sets is allowed.
- Rule 6 ⇒ The RF probes must face each other and be orthogonal to the DuPont Pin-Set.