address\_calculator:1 image\_address(14:0) **COUNTER:1** compute\_now\_ COUNT compute\_secret\_now up secret\_address(16:0) port\_d<u>ata</u> rst port\_q port\_clken\_ port\_clk image\_address1 **COUNTER:2** COUNT up port\_data\_ \_port\_q port\_clken\_ port\_clk secret\_address1 address\_calculator\_unit