

Detection slope of an schottky diode bridge controller 2-pair detect A 3-pair detect A 3-pair detect A + 45K on B Idetect (uA) 

Vdetect (V)

Measurements are done on Mode A, with current measured on the negative pair on Mode A.

"2-pair detect A" refers to true 2-pair detection, with Mode B completely disconnected "3-pair detect A" refers to voltage being applied on

Mode A, with one pair of Mode B connected to the positive supply rail. No resistance over Mode B. "3-pair detect A + 45 K on B" is the same as previous, but with a 45 K resistor placed over Mode B.