4. The display device of claim **3**, wherein the comparison circuit further comprises one or more inverters connected to the output terminal of the comparator.

5. The display device of claim **4**, wherein the comparison circuit comprises:

a first switch connected between a first node between first and second resistors forming a first dividing circuit and the inverting input terminal of the comparator and supplying the variable reference voltage to the comparator; and

a second switch connected between a first node between third and fourth resistors forming a second dividing circuit and the inverting input terminal of the comparator and supplying the variable reference voltage to the comparator,

wherein the first and third resistors are connected to a source voltage node and have the same resistance value, and

the second and fourth resistors are connected to a ground voltage node and have different resistance values.

6. The display device of claim **1**, wherein the driving circuit and the flexible circuit board are divided into a plurality of blocks, and the bonding resistance value is expressed by the number of blocks in different colors.

7. The display device of claim **3**, further comprising:

a controller controlling entry of a measurement mode and a measurement range of the bonding resistance using a control signal for controlling the switches.

8. The display device of claim **1** wherein the circuit is a driving circuit.

9. The display device of claim **8** wherein the driving circuit is on an integrated circuit and the dummy bumps are on the integrated circuit.

10. The display device of claim **1** wherein the circuit is on a flexible circuit board.

11. The display device of claim **1** wherein the display panel further includes a substrate.

12. The display device of claim **11** where the circuit is adhered to the substrate of the display panel by an anisotropic conductive film.

13. A method for measuring contact resistance of a display device having a driving circuit or a flexible circuit board adhered to a substrate of a display panel by an anisotropic conductive film (ACF), the method comprising:

connecting a plurality of dummy bumps disposed on a driving circuit or a flexible circuit board to shorting pads disposed on the display panel; and

comparing an input voltage of a comparator input through bonding resistance between the dummy bumps and the shorting pads with a variable reference voltage to measure the bonding resistance.

14. The method of claim **13**, further comprising:

dividing the driving circuit and the flexible circuit board into a plurality of blocks, and expressing the bonding resistance value by the number of blocks in different colors.

15. The method of claim **13**, further comprising:

controlling entry of a measurement mode and a measurement range of the bonding resistance by controlling the switches for adjusting the variable reference voltage with a control signal.

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