## THE OSCILLOSCOPE CHANNEL EXTENSION

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## **ABSTRACT**

The oscilloscope channel extension is can extend one channel to 8 channels event to 16 channels. That can save more times and the steps on checking to others circuit. The channel 1 or 2 connects to the point P or circuit. And connect 8 channels of circuit to point that you want to check. Then you can see the square form display on the screen of the oscilloscope. The two variables resistance is adjust the space and weight with each other. May be you can change the value resistance and capacitance if you need to see the waveform slowly with each other.