孕龍科技股份有限公司
Zeroplus Technology Co., Ltd.

中和區建八路 123 號 2 樓
電話:886-2-66202225
傳真：886-2-22234362
www.zeroplus.com.tw

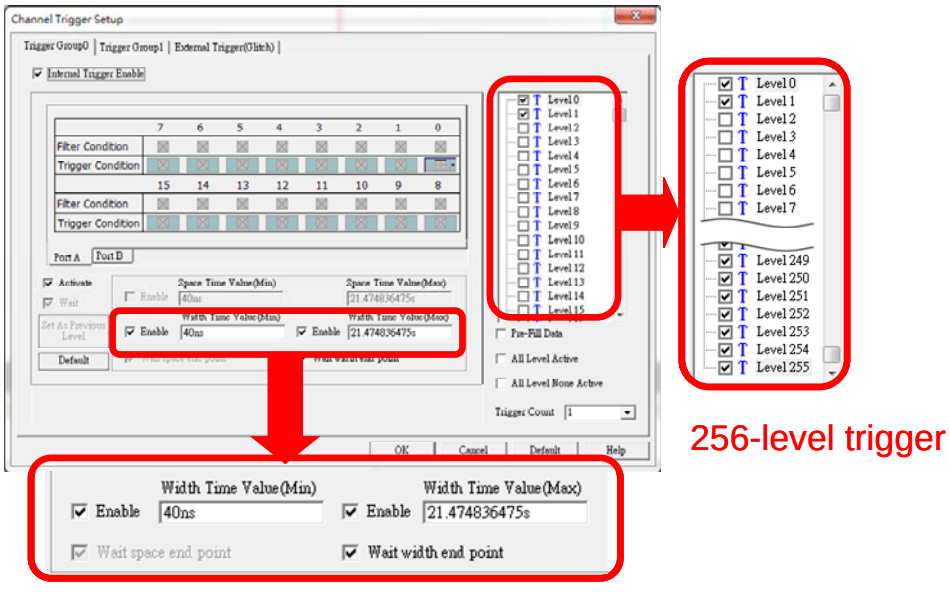
2F., No.123, Jian 8th Rd.,
Zhonghe Dist., New Taipei City, Taiwan
Tel: 886-2-66202225
Fax: 886-2-22234362

Multi-level trigger is composed by many single-level triggers. More trigger levels could make the trigger condition more strict, which means more event conditional status could be set to capture particular signal.

Powerful Hardware Function: 256-level Trigger

LAP-B (702000R) has 256 levels “multi-level trigger”, each level could be set as high/low, rising/falling edge and pulse width to trigger.

256 - level trigger is powerful to capture most signal problems. It would do a great help for project researching and developing, product debugging or even processing on the production line.



256-level trigger

pulse width trigger

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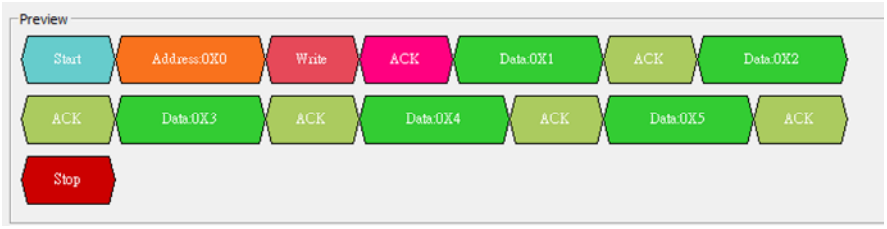
Serial Bus Hardware Trigger ─Real-time Capture Serial Signal Packet

In fact, the multi-level trigger of LAP-B (702000R) could apply to many aspects, and the serial bus hardware trigger is a good example.

Serial bus hardware trigger could judge whether the bus packet content satisfies the trigger condition or not, then capture particular serial signal packets instantly and accurately. It also has an easy-to-operate graphic interface. Until now only I2C, SPI, UART, CAN BUS and SVID support this function, more buses will support it in the future.

Example:
Set I2C to trigger with Address=0x00, Write and Data=01/02/03/04/05.



※Want to know more detailed specification? <click here> ※