



## Read between the lines...

**Don't be fooled by this Keysight Case Study, your Teradyne using CST and DSM is actually faster.**

<http://www.keysight.com/main/redirector.jsp?action=ref&cname=EDITORIAL&ckey=1928655&lc=eng&cc=US&nfr=-11143.0.00>

**AT26DF081A - 8 Mbits Flash device - Full image programming  
Keysight used an inefficient model to get the Teradyne numbers.**

Process	Keysight Execution Times	Teradyne Numbers Posted by Keysight	Actual Teradyne Numbers Using DSM and CST
Erase	5.359	7.219	T <sub>CHPE</sub> + 1ms
Blank Check	4.375	5.094	1.9
Program	7.297	10.75	T <sub>PP</sub> *4096+2.0 = 6.952
Verify	7.484	5.109	1.9 (full read compare)

## Panel Mode

**Your Test Station can program up to 16 units concurrently, in the same time it takes to program a single device**

## SPI with Dual and Quad Capability

**If your SPI flash device has Dual-Mode capability, your Blank Check and Verify runs in ½ the time.  
If your SPI flash has Quad-Mode capability, your Blank Check and Verify runs in ¼ the time.**

*Did you already buy the 307X? Sorry!*