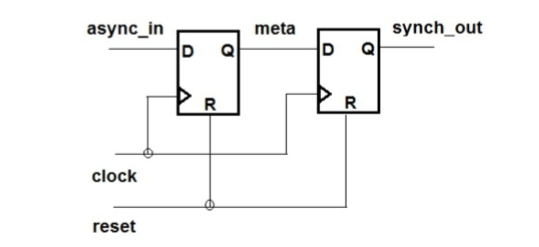
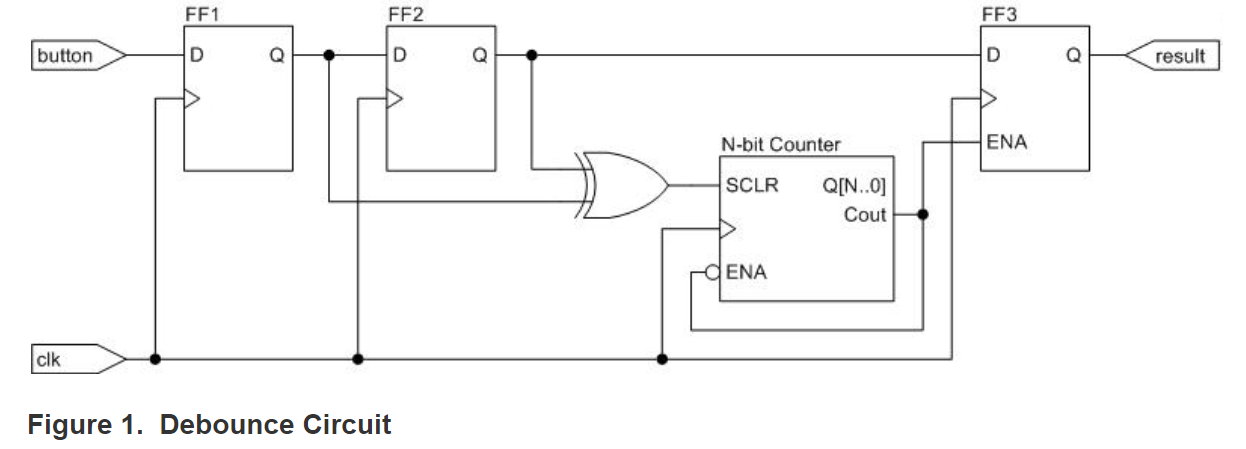
**Make Pixel\_clk synchronous**

**Make switch inputs synchronous with synchronizer**

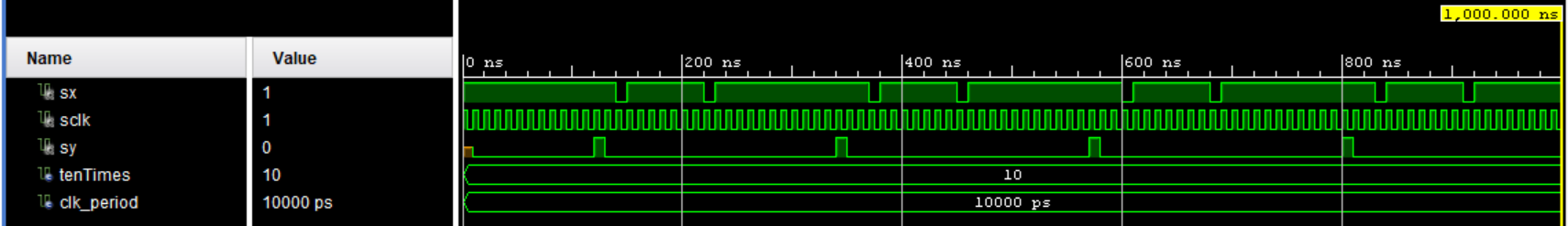


**Add debouncing circuit to switch inputs**

1. <https://eewiki.net/pages/viewpage.action?pageId=498075>
2. 

**Implement Change Bouncing box to bouncing letters and back again**

**Debounce Test**

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**Test bouncing box**

**Test clock divider**

**Test sync signal gen**

**Test up down counter**

**Test vga module**

**Test vga strips dff**