

# BQ25120 Ship Mode Entry Options

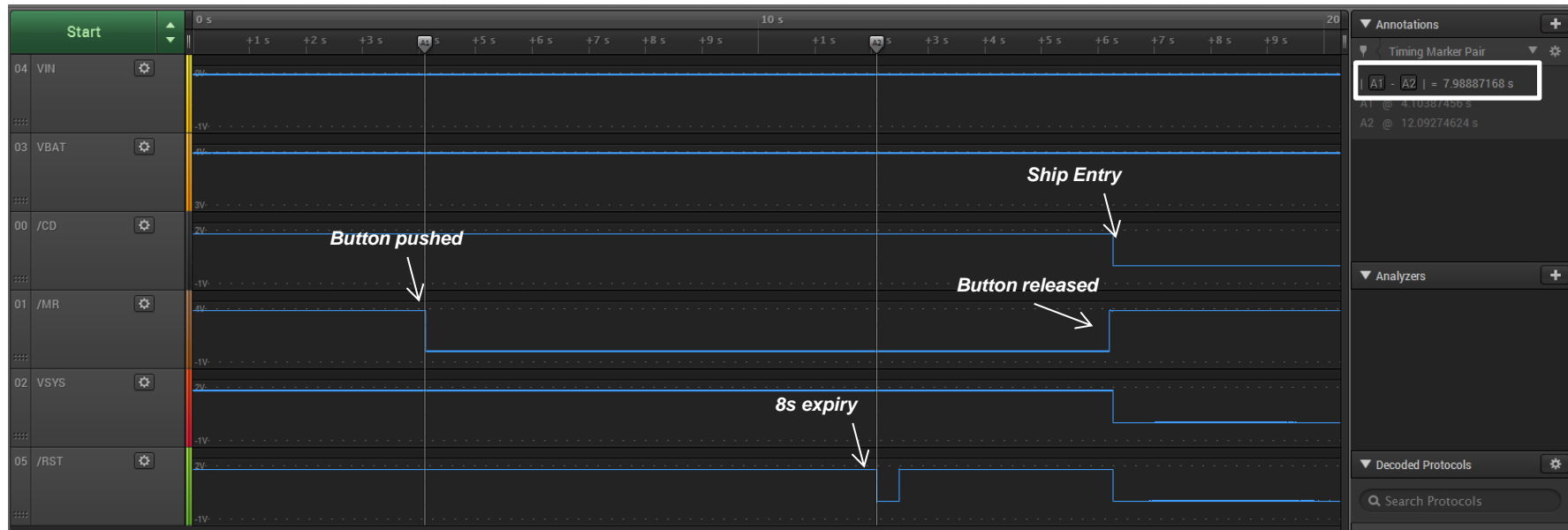
*\* This applies to all spins of the BQ25120 family*

TI Confidential – NDA Restrictions

**Gautham Ramachandran**  
**Battery Chargers** 

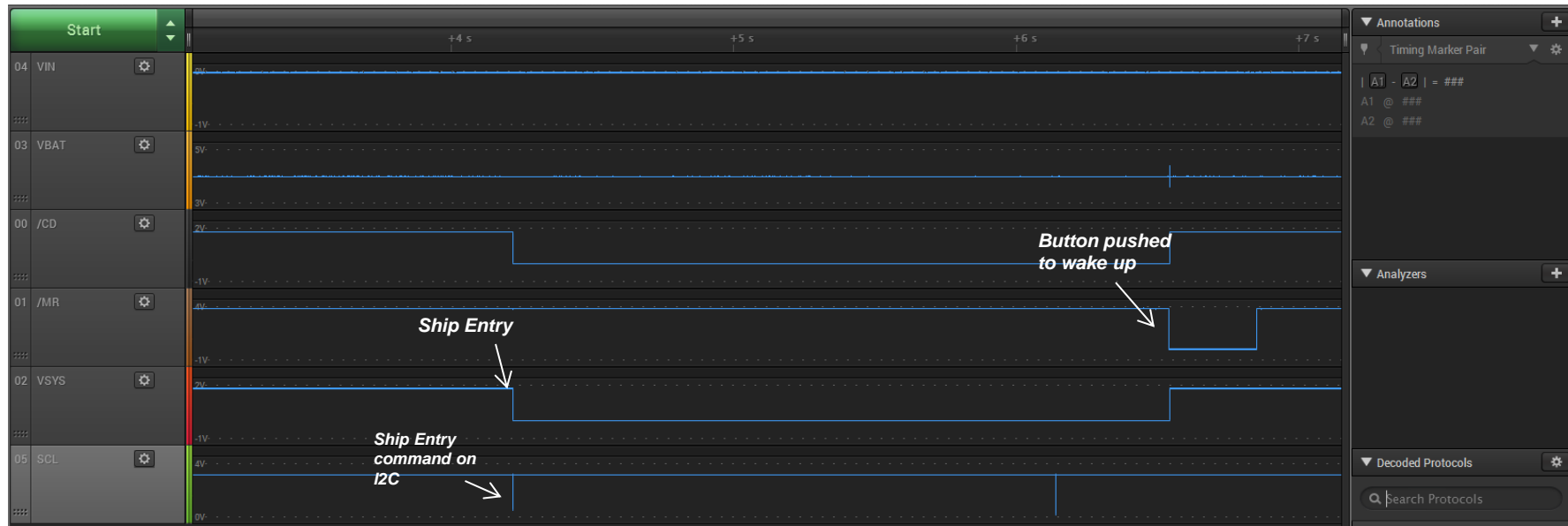
1

# Using MRREC bit *(Poweroff button to user)*



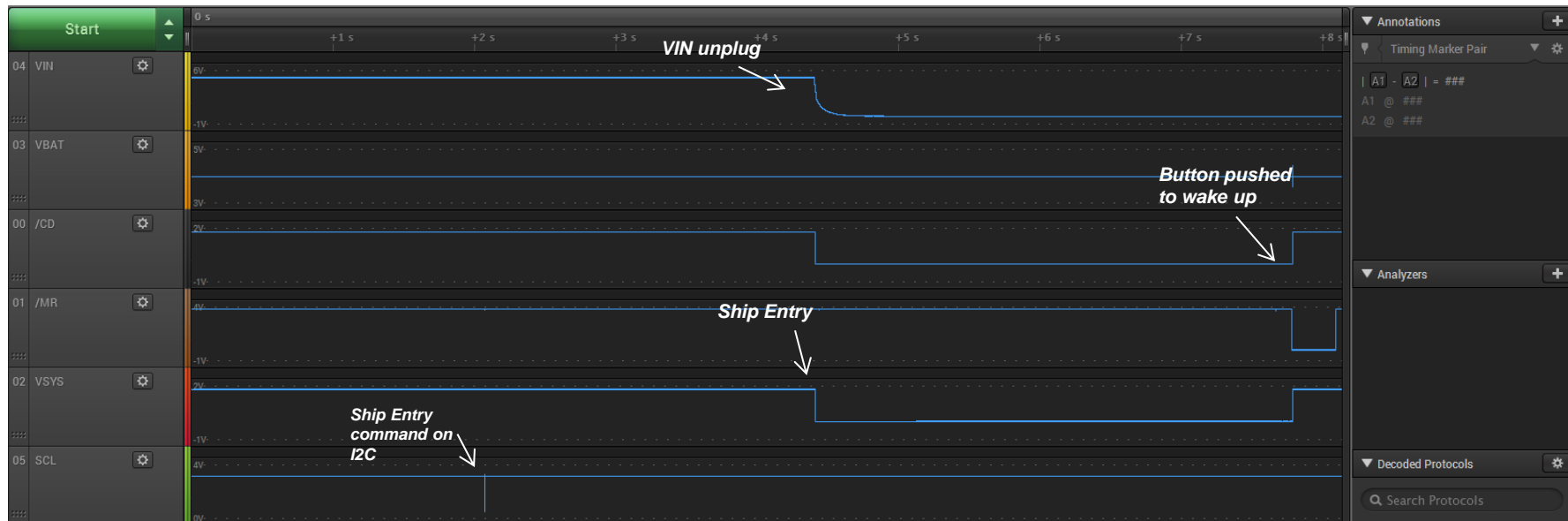
**VIN = 0V, /CD = High, RST= High, /MR= Pushed, 0x08, Bit B5 = 1 (Ship Mode)**

# Using EN\_Ship Command without /MR *(Low Battery Mode)*



**VIN = 0V, /CD = High, RST= High, /MR= Pushed, 0x00, Bit B5 = 1 (ENShip Mode)**

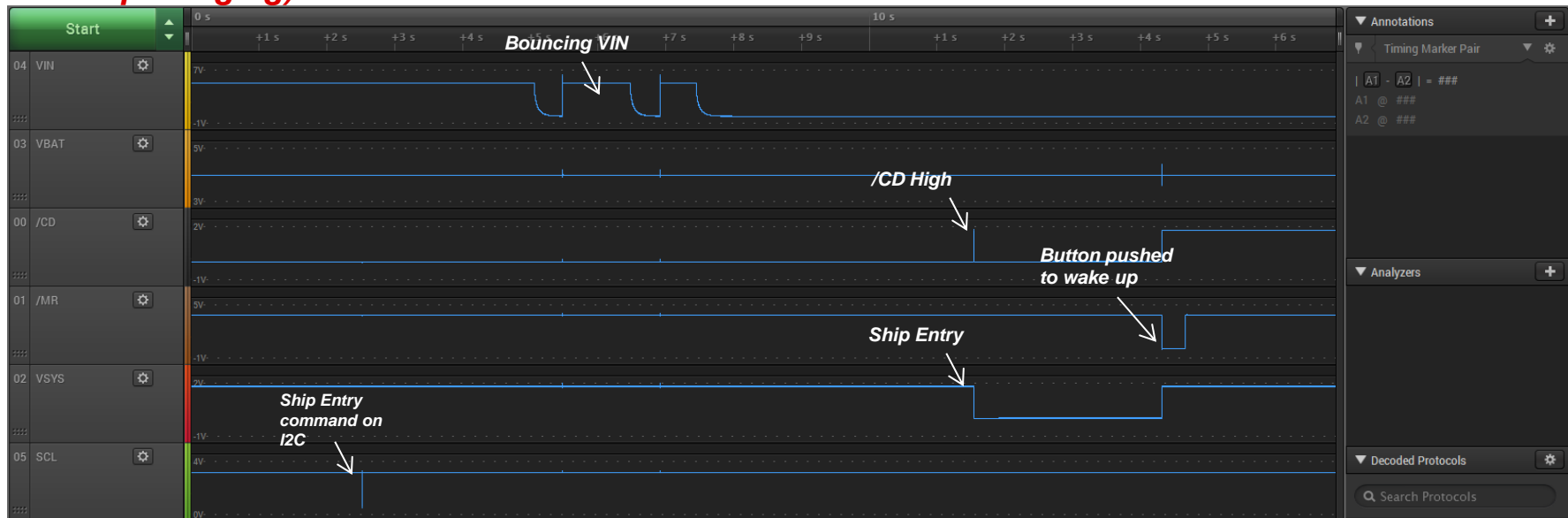
# Enter Ship on VIN unplug *(Production Line disconnect from jig)*



**VIN = 5V, /CD = High, RST= High, /MR= Pushed, 0x00, Bit B5 = 1 (EN\_ShipMode)**

# VIN unplug /CD later going to high

*(Production Line disconnect from jig but noisy VIN due to bouncing, allow MCU to go to ship before packaging)*



**VIN = 5V, /CD = Low, RST= High, /MR= Pushed, 0x00, Bit B5 = 1 (EN\_ShipMode)**