

Setup Criteria

Oscillator Frequency	10.000 MHz
Target CAN Bus Baud Rate	125.000 kbps

Selected Options

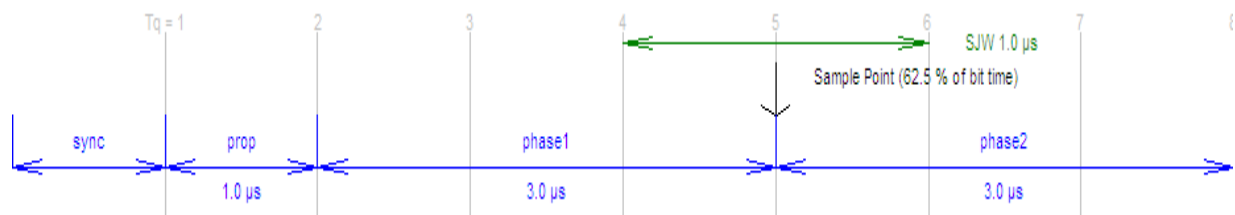
BRP-1 (Baud Rate Prescaler)	4
Tq (Time Quanta)	1.000 μ s
Number of Time Quanta	8
% Error of Target Baud Rate	0.0 %

Bit Timing Setup in Tq

Propagation Delay	1
Phase Segment 1	3
Phase Segment 2	3
Synchronization Jump Width (SJW)	1

Multiple bit sampling is off. Wakeup filter is off.

Bit Timing Diagram



Configuration Register Setup (PIC18/MCP251X) (neoVI blue/green, ValueCAN 2)

Register	Binary	Hexadecimal
CNF1/BRGCON1	b'00000100'	0x04
CNF2/BRGCON2	b'10010000'	0x90
CNF3/BRGCON3	b'00000010'	0x02

Configuration Register Setup (dsPIC33F,PIC24H,dsPIC30) (neoVI Red/Fire/Test/Yellow/ECU, ValueCAN 3)

Register	Binary	Hexadecimal
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CICFG1	b'00000000000000100'	0x0004
CICFG2	b'0000001010010000'	0x0290