|  |  |
| --- | --- |
| **sample n** | **Tasks carried out during this sample n** |
| 0 | compute polyphase component #0 of decimation filter using fir\_filter( ) function, input is from ADC of McBsp0, output is ...  compute polyphase component #0 of interpolation filter using fir\_filter( ) function, input is from …, output is sent to DAC on McBsp0 |
| 1 | compute polyphase component #... of decimation filter using fir\_filter( ) function, input is from ADC of McBsp0, output is ...  compute polyphase component #... of interpolation filter using fir\_filter( ) function, input is from …, output is sent to DAC on McBsp0 |
| 2 |  |
| 3 |  |

Tab. 3.3.1 Timing chart for multi-rate filter for one sequence of samples **n=0,…, 3**