Pulse Tagger Timing

clk

valid_in

valid_m2

rx_gate

data_in | data n | data n+1 | data n+2 | data n+3 | data n+4 | data n+5 | data n+6 | data n+7 | data n+8 |

data_out | tag | data n+1 | data n+5 |

valid_out
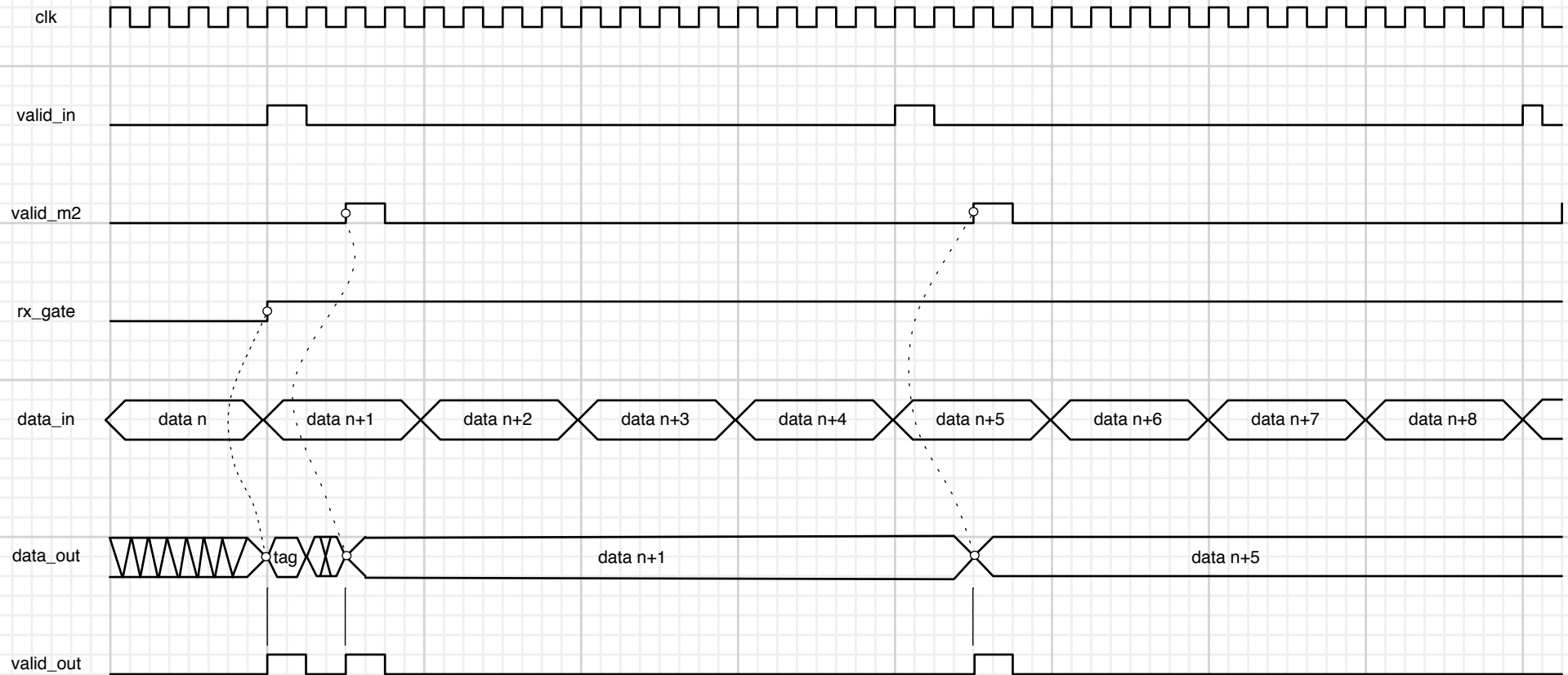
Notes:
1. Each data_in sample must be stable for at least 2 clock cycles.
2. The period of valid_in must be at least 2 clock cycles.
3. tag is incremented on the rising edge of rx_gate.

National Center for Atmospheric Research	
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Drawing number: 01	Rev: 01
Date: 02-Dec-2009	Drawn by: CLM
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