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1. Cnt_s: C'
 Cnt_d: CD
 Cnt_ld: C
2. Add2_1: A(1 downto 0), B(1 downto 0), Cin, F(1 downto 0), C
 Add2_2: A(3 downto 2), B(3 downto 2), C, F(3 downto 2), Cout
3. Line 27: ReadProcess: PROCESS(R_en, R_Addr, regArray)
4.

State	Rst	Cnt	Ld	Done
Off	1	0	0	0
Sum	0	1	1	0
Output0	0	0	1	