reset

in_data[31:0]   00000000   6a09e667   bb67ae85   3c6ef372   a54ff53a   510e527f   9b05688c

[31]
[30]
[29]
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[9]
[8]
[7]
[6]
[5]
[4]
[3]
[2]
[1]
[0]

0 us   0 us   0 us   1 us   1 us   1 us   1 us   1 us   2 us

	2 us	2 us	2 us	3 us	3 us	3 us	3 us	3 us	3 us	4 us
1f83d9ab	5be0cd19					02000000				