

m =

x0	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15
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m << 6

x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3	x4	x5
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m << 10

x10	x11	x12	x13	x14	x15	x0	x1	x2	x3	x4	x5	x6	x7	x8	x9
-----	-----	-----	-----	-----	-----	----	----	----	----	----	----	----	----	----	----

c =

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
x0	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15
x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3	x4	x5
x10	x11	x12	x13	x14	x15	x0	x1	x2	x3	x4	x5	x6	x7	x8	x9

c << 10

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
x10	x11	x12	x13	x14	x15	x0	x1	x2	x3	x4	x5	x6	x7	x8	x9
x0	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15
x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3

C1 = c XOR (c << 10)

x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3	x4	x5
x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3

C2 = C1 << 2

x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3	x4	x5	x6	x7
x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3	x4	x5

C3 = C1 XOR C2

x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3	x4	x5	x6	x7
x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3

c << 14

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
x14	x15	x0	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13
x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3
x8	x9	x10	x11	x12	x13	x14	x15	x0	x1	x2	x3	x4	x5	x6	x7

C4 = C3 XOR (c << 14)

x14	x15	x0	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13
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m = C4 << 2

x0	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15
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