

Index	inputs	Stage1	Stage 2	Stage 3	Stage 4	Stage 5 (Result)
0	I0	S01= I0 + W0 * I16	S02= S01 + W0 * S21	S03=S02 + W0*S42	S04=S03+W0*S83	S05=S04+W0*S164
1	I16	S11= I0 - W0 * I16	S12= S11 + W8 * S31	S13=S12 + W4*S52	S14=S13+W2*S93	S15=S14+W1*S174
2	I8	S21= I8 + W0 * I24	S22= S01 - W0 * S21	S23=S22 + W8*S62	S24=S23+W4*S103	S25=S24+W2*S184
3	I24	S31= I8 - W0 * I24	S32= S11 - W8 * S31	S33=S32 + W12*S72	S34=S33+W6*S113	S35=S34+W3*S194
4	I4	S41= I4 + W0 * I20	S42= S41 + W0 * S61	S43=S02 - W0*S42	S44=S43+W8*S123	S45=S44+W4*S204
5	I20	S51= I4 - W0 * I20	S52= S51 + W8 * S71	S53=S12 - W4*S52	S54=S53+W10*S133	S55=S54+W5*S214
6	I12	S61= I12 + W0 * I28	S62= S41 - W0 * S61	S63=S22 - W8*S62	S64=S63+W12*S143	S65=S64+W6*S224
7	I28	S71= I12 + W0 * I28	S72= S51 - W8 * S71	S73=S32 - W12*S72	S74=S73+W14*S153	S75=S74+W7*S234
8	I2	S81= I2 + W0 * I18	S82= S81 + W0 * S101	S83=S82+W0*S122	S84=S03-W0*S83	S85=S84+W8*S244
9	I18	S91= I2 - W0 * I18	S92= S91 + W8 * S111	S93=S92+W4*S132	S94=S13 - W2*S93	S95=S94+W9*S254
10	I10	S101= I10 + W0 * I26	S102= S81 - W0 * S101	S103=S102+W8*S142	S104=S23 -W4*S103	S105=S104+W10*S264
11	I26	S111= I10 - W0 * I26	S112= S91 - W8 * S111	S113=S112+W12*S152	S114=S33 - W6*S113	S115=S114+W11*S274
12	I6	S121= I6 + W0 * I22	S122= S121 +W0*S141	S123= S82- W0*S122	S124=S43 - W8*S123	S125=S124+W12*S284
13	I22	S131= I6 - W0 * I22	S132=S131 + W8*S151	S133= S92- W4*S132	S134=S53 - W10*S133	S135=S134+W13*S294
14	I14	S141= I14 + W0 * I30	S142= S121 -W0*S141	S143= S102- W8*S142	S144=S63 - W12*S143	S145=S144+W14*S304
15	I30	S151= I14 - W0 * I30	S152=S131 - W8*S151	S153= S112- W12*S152	S154=S73 - W14*S153	S155=S154+W15*S314
16	I1	S161= I1 + W0 * I17	S162=S161 + W0*S181	S163 = S162 + W0* S202	S164=S163 +W0*S243	S165=S04 - W0*S164
17	I17	S171= I1 - W0 * I17	S172=S171 + W8*S191	S173 = S172+ W4*S212	S174=S173+W2*S253	S175=S14 - W1*S174
18	I9	S181= I9 + W0 * I25	S182=S161 - W0*S181	S183= S182+ W8*S222	S184=S183+W4*S263	S185=S24 - W2*S184
19	I25	S191= I9 - W0 * I25	S192=S171 - W8*S191	S193= S192+ W12*S232	S194=S193+W6*S273	S195=S34 - W3*S194
20	I5	S201= I5 + W0 * I21	S202=S201 + W0*S221	S203 = S162 - W0* S202	S204=S203+W8*S283	S205=S44 - W4*S204
21	I21	S211= I5 - W0 * I21	S212=S211 + W8*S231	S213 = S172 - W4*S212	S214=S213+W10*S293	S215=S54 - W5*S214
22	I13	S221= I13 + W0 * I29	S222=S201 - W0*S221	S223= S182 - W8*S222	S224=S223+W12*S303	S225=S64 - W6*S224
23	I29	S231= I3 - W0 * I29	S232=S211 - W8*S231	S233= S192 - W12*S232	S234=S233+W14*S313	S235=S74 - W7*S234
24	I3	S241= I3 + W0 * I19	S242=S241 + W0*S261	S243=S242 + W0*S282	S244=S163 -W0*S243	S245=S84 - W8*S244
25	I19	S251= I3 - W0 * I19	S252=S251 + W8*S271	S253=S252 + W4*S292	S254=S173-W2*S253	S255=S94 - W9*S254
26	I11	S261= I11 + W0 * I27	S262=S241 - W0*S261	S263=S262 + W8*S302	S264=S183-W4*S263	S265=S104 - W10*S264
27	I27	S271= I11 - W0 * I27	S272=S251 - W8*S271	S273=S272 + W12*S312	S274=S193-W6*S273	S275=S114 - W11*S274
28	I7	S281= I7 + W0 * I23	S282=S281 + W0 *S301	S283=S242 - W0*S282	S284=S203-W8*S283	S285=S124 - W12*S284
29	I23	S291= I7 - W0 * I23	S292= S291+W8*S311	S293=S252 - W4*S292	S294=S213-W10*S293	S295=S134 - W13*S294
30	I15	S301= I15 + W0 * I31	S302=S281 - W0 *S301	S303=S262 - W8*S302	S304=S223-W12*S303	S305=S144 - W14*S304
31	I31	S311= I15 - W0 * I31	S312= S291-W8*S311	S313=S272 - W12*S312	S314=S233-W14*S313	S315=S154 - W15*S314