Table A
Doubly-even self-dual codes of length 32

Code	Components	$\lvert G_1\rvert$	$\lvert G_2\rvert$	$\lvert G\rvert$	u_4	n_{30}	n_{28}	n_{26}	n_{24}
C1	d_{32}	1	1	$2^{30}3^6 5^3 7^2 11.13$	120	2	2	1	1
C2	$d_{24}e_8$	1	1	$2^{27}3^6 5^2 7^2 11$	80	4	3	2	2
C3	$d_{20}d_{12}$	1	1	$2^{26}3^6 5^3 7$	60	5	4	2	2
C4	$d_{18}e_7^2$	1	2	$2^{22}3^6 5.7^3$	50	5	3	2	1
C5	d_{16}^2	1	2	$2^{29}3^4 5^2 7^2$	56	3	2	1	1
C6	$d_{16}e_8^2$	1	2	$2^{27}3^4 5.7^3$	56	5	3	2	2
C7	$d_{16}d_8^2$	1	2	$2^{27}3^4 5.7$	40	6	4	2	2
C8	$d_{14}d_{10}e_7f_1$	1	1	$2^{20}3^4 5^2 7^2$	38	11	5	3	2
C9	$d_{14}d_6^3$	1	6	$2^{20}3^6 5.7$	30	6	4	2	1
C10*	$d_{12}^2 e_8$	1	2	$2^{25}3^5 5^2 7$	44	5	3	2	2
C11	$d_{12}^2 d_8$	1	2	$2^{25}3^5 5^2$	36	6	4	2	2
C12	$d_{12}d_8^2 d_4$	1	2	$2^{24}3^4 5$	28	11	7	2	2
C13	$d_{12}e_7^2 d_6$	1	2	$2^{19}3^5 5.7^2$	32	9	5	3	1
C14	$d_{12}d_6^3 f_2$	1	6	$2^{19}3^6 5$	24	9	4	2	1
C15	$d_{12}d_4^5$	1	120	$2^{22}3^3 5^2$	20	5	3	1	1
C16	$d_{10}^3 f_2$	1	6	$2^{22}3^4 5^3$	30	5	2	1	1
C17	$d_{10}^2 d_6^2$	1	4	$2^{22}3^4 5^2$	26	7	4	2	1
C18	$d_{10}e_8e_7^2$	1	2	$2^{20}3^4 5.7^3$	38	8	4	3	2
C19	$d_{10}d_8e_7d_6f_1$	1	1	$2^{19}3^4 5.7$	26	17	7	4	2
C20	$d_{10}d_8d_6^2 f_2$	1	2	$2^{20}3^4 5$	22	15	6	3	2
C21	$d_{10}d_6^2 d_4^2 f_2$	1	4	$2^{19}3^3 5$	18	16	6	2	1
C22*	$d_{10}d_4^4 f_6$	6	24	$2^{19}3^3 5$	14	9	3	1	1

Table A (cont.)
Doubly-even self-dual codes of length 32

Code	Components	$\lvert G_1\rvert$	$\lvert G_2\rvert$	$\lvert G\rvert$	u_4	n_{30}	n_{28}	n_{26}	n_{24}
C23	$d_{10}g_{22}$	2	1	$2^{15}3^3 5^2 7.11$	10	4	2	1	1
C24	e_8^4	1	24	$2^{27}3^5 7^4$	56	2	1	1	1
C25	$e_8 d_8^3$	1	6	$2^{25}3^5 7$	32	5	3	2	2
C26	$e_8 d_6^4$	1	24	$2^{21}3^6 7$	26	5	3	2	1
C27	$e_8 d_4^6$	3	720	$2^{22}3^4 5.7$	20	4	2	1	1
C28	$e_8 g_{24}$	1	1	$2^{16}3^4 5.7^2 11.23$	14	3	1	1	1
C29	d_8^4	1	24	$2^{27}3^5$	24	3	2	1	1
C30	d_8^4	1	8	$2^{27}3^4$	24	4	2	1	1
C31	$d_8^3 d_4^2$	1	6	$2^{23}3^4$	20	6	3	1	1
C32	$d_8^2 e_7^2 f_2$	1	4	$2^{20}3^4 7^2$	26	10	3	2	1
C33	$d_8^2 d_6^2 f_4$	1	4	$2^{20}3^4$	18	14	4	2	1
C34	$d_8^2 d_4^4$	1	16	$2^{24}3^2$	16	8	4	1	1
C35	$d_8 e_7 d_6^2 d_4 f_1$	1	2	$2^{18}3^4 7$	20	18	7	3	1
C36	$d_8 d_6^4$	1	8	$2^{21}3^5$	18	7	4	2	1
C37	$d_8 d_6^2 d_6 d_4 f_2$	1	2	$2^{18}3^4$	16	22	9	3	1
C38	$d_8 d_6^2 d_4^2 f_4$	1	4	$2^{18}3^3$	14	20	7	2	1
C39*	$d_8 d_6 d_4^3 f_6$	2	6	$2^{17}3^3$	12	17	6	2	1
C40	$d_8 d_4^6$	1	48	$2^{22}3^2$	12	7	4	1	1
C41*	$d_8 d_4^4 f_8$	2	24	$2^{18}3^2$	10	12	4	1	1
C42	$d_8 d_4^2 g_{16}$	36	2	$2^{17}3^3$	8	9	3	1	1
C43	$d_8 h_{24}$	1	1	$2^{16}3^4 5$	6	5	2	1	1
C44	$e_7^4 d_4$	1	24	$2^{17}3^5 7^4$	29	4	2	1	0

Table A (cont.)
Doubly-even self-dual codes of length 32

Code	Components	$\lvert G_1\rvert$	$\lvert G_2\rvert$	$\lvert G\rvert$	u_4	n_{30}	n_{28}	n_{26}	n_{24}
C45	$e_7^2 d_6^3$	1	6	$2^{16}3^6 7^2$	23	6	3	2	0
C46	$e_7 d_6^3 d_4 f_3$	1	6	$2^{15}3^5 7$	17	13	4	2	0
C47	$e_7 d_6 d_4^4 f_3$	1	24	$2^{17}3^3 7$	14	12	4	2	0
C48	$e_7 d_4^4 f_9$	18	24	$2^{15}3^4 7$	11	7	2	1	0
C49	$e_7 d_4 g_{21}$	6	1	$2^{12}3^4 5.7^2$	8	6	2	1	0
C50	$d_6^5 f_2$	1	10	$2^{16}3^5 5$	15	6	2	1	0
C51	$d_6^4 d_4^2$	1	48	$2^{20}3^5$	14	6	3	1	0
C52	$d_6^4 d_4 f_2^2$	1	8	$2^{17}3^4$	13	13	4	1	0
C53*	$d_6^4 f_8$	2	24	$2^{16}3^5$	12	8	2	1	0
C54	$d_6^3 d_4^3 f_2$	1	6	$2^{16}3^4$	12	12	5	1	0
C55	$d_6^3 d_4^2 f_6$	1	6	$2^{14}3^4$	11	15	3	1	0
C56	$d_6^2 d_4^4 f_2^2$	1	8	$2^{17}3^2$	10	16	4	1	0
C57	$d_6^2 d_4^4 f_4$	2	16	$2^{19}3^2$	10	13	4	1	0
C58	$d_6^2 d_4^3 f_2 f_6$	1	12	$2^{14}3^3$	9	18	4	1	0
C59	$d_6^2 d_4^2 f_{12}$	12	4	$2^{14}3^3$	8	14	3	1	0
C60	$d_6^2 g_{20}$	4	2	$2^{15}3^3 5$	6	6	2	1	0
C61*	$d_6 d_4^2 d_4^3 f_3^2$	1	12	$2^{15}3^2$	8	19	6	1	0
C62	$d_6 d_4^4 f_{10}$	2	8	$2^{15}3$	7	21	4	1	0
C63	$d_6 d_4^3 f_{14}$	8	6	$2^{13}3^2$	6	18	4	1	0
C64	$d_6 d_4^2 g_{18}$	36	2	$2^{10}3^4$	5	12	3	1	0
C65*	$d_6 d_4 g_{16} f_6$	72	1	$2^{12}3^3$	4	14	4	1	0
C66*	$d_6 f_{13}^2$	5616	2	$2^8 3^4 13$	3	6	2	1	0

Table A (cont.)
Doubly-even self-dual codes of length 32

Code	Components	$\lvert G_1\rvert$	$\lvert G_2\rvert$	$\lvert G\rvert$	u_4	n_{30}	n_{28}	n_{26}	n_{24}
C67	d_4^8	6	1344	$2^{23}3^2 7$	8	2	1	0	0
C68	d_4^8	1	1152	$2^{23}3^2$	8	3	1	0	0
C69	d_4^8	1	336	$20^{20}3.7$	8	2	1	0	0
C70*	$d_4^6 f_8$	4	48	$2^{18}3$	6	7	2	0	0
C71*	$d_4^6 f_8$	1	48	$2^{16}3$	6	9	2	0	0
C72	$d_4^4 d_4 f_{12}$	6	24	$2^{14}3^2$	5	10	2	0	0
C73	$d_4^5 f_{12}$	1	60	$2^{12}3.5$	5	6	1	0	0
C74	$d_4^4 g_{16}$	8	24	$2^{18}3$	4	7	2	0	0
C75*	$d_4^4 f_{16}$	8	8	2^{14}	4	14	2	0	0
C76	$d_4^3 g_{18} f_2$	8	6	$2^{10}3^2$	3	13	2	0	0
C77*	$d_4^2 q_{24}^+$	6	2	$2^{15}3^2$	2	6	1	0	0
C78*	$d_4^2 q_{24}^-$	3	2	$2^{10}3^2$	2	8	1	0	0
C79*	$d_4 f_4^6$	16	72	$2^{11}3^2$	2	8	1	0	0
C80*	$d_4 f_7^4$	168	8	$2^8 3.7$	1	8	2	0	0
C81	q_{32}	1	1	$2^5 3.5.31$	0	1	0	0	0
C82	r_{32}	1	1	$2^{15}3^2 5.7.31$	0	1	0	0	0
C83	g_{16}^2	20160	2	$2^{15}3^2 5.7$	0	2	0	0	0
C84	f_4^8	256	336	$2^{12}3.7$	0	2	0	0	0
C85	f_2^{16}	2	11520	$2^9 3^2 5$	0	3	0	0	0