

THE SUBGROUP LATTICE OF $L_2(8)$

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
1	$L_2(8)$	504	1	2 (9), 3 (28), 4 (36)	
2	$2^3 : 7$	56	9	6, 7 (8)	1
3	D_{18}	18	28	5, 8 (3)	1
4	D_{14}	14	36	7, 11 (7)	1
5	9	9	28	10	3
6	2^3	8	9	9 (7)	2
7	7	7	36	12	2 (2), 4
8	S_3	6	84	10, 11 (3)	3
9	2^2	4	63	11 (3)	6
10	3	3	28	12	5, 8 (3)
11	2	2	63	12	4 (4), 8 (4), 9 (3)
12	1	1	1		7 (36), 10 (28), 11 (63)

TABLE 1. Subgroup lattice of $L_2(8)$

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