The group G is isomorphic to the group labelled by [28, 3] in the Small Groups library.
Ordinary character table of $G \cong$ D28:

	$1a$	$2a$	$2b$	$2c$	$14a$	$7a$	$14b$	$14c$	$7b$	$7c$
χ_1	1	1	1	1	1	1	1	1	1	1
χ_2	1	−1	−1	1	−1	1	−1	−1	1	1
χ_3	1	−1	1	−1	−1	1	−1	−1	1	1
χ_4	1	1	−1	−1	1	1	1	1	1	1
χ_5	2	−2	0	0	$-E(7)^2-E(7)^5$	$E(7)+E(7)^6$	$-E(7)^3-E(7)^4$	$-E(7)-E(7)^6$	$E(7)^2+E(7)^5$	$E(7)^3+E(7)^4$
χ_6	2	−2	0	0	$-E(7)-E(7)^6$	$E(7)^3+E(7)^4$	$-E(7)^2-E(7)^5$	$-E(7)^3-E(7)^4$	$E(7)+E(7)^6$	$E(7)^2+E(7)^5$
χ_7	2	−2	0	0	$-E(7)^3-E(7)^4$	$E(7)^2+E(7)^5$	$-E(7)-E(7)^6$	$-E(7)^2-E(7)^5$	$E(7)^3+E(7)^4$	$E(7)+E(7)^6$
χ_8	2	2	0	0	$E(7)^2+E(7)^5$	$E(7)+E(7)^6$	$E(7)^3+E(7)^4$	$E(7)+E(7)^6$	$E(7)^2+E(7)^5$	$E(7)^3+E(7)^4$
χ_9	2	2	0	0	$E(7)+E(7)^6$	$E(7)^3+E(7)^4$	$E(7)^2+E(7)^5$	$E(7)^3+E(7)^4$	$E(7)+E(7)^6$	$E(7)^2+E(7)^5$
χ_{10}	2	2	0	0	$E(7)^3+E(7)^4$	$E(7)^2+E(7)^5$	$E(7)+E(7)^6$	$E(7)^2+E(7)^5$	$E(7)^3+E(7)^4$	$E(7)+E(7)^6$

Trivial source character table of $G \cong$ D28 at $p = 7$:

Normalisers N_i	N_1				N_2			
p-subgroups of G up to conjugacy in G	P_1				P_2			
Representatives $n_j \in N_i$	$1a$	$2b$	$2a$	$2c$	$1a$	$2b$	$2a$	$2c$
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}$	7	1	7	1	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}$	7	−1	−7	1	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}$	7	1	−7	−1	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}$	7	−1	7	−1	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}$	1	1	1	1	1	1	1	1
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}$	1	1	−1	−1	1	−1	1	−1
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}$	1	−1	1	−1	1	1	−1	−1
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}$	1	−1	−1	1	1	−1	−1	1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,12,24,8,20,4,16)(2,14,26,10,22,6,18)(3,15,27,11,23,7,19)(5,17,28,13,25,9,21)]) \cong$ C7

$N_1 = Group([(1,2)(3,5)(4,26)(6,24)(7,28)(8,22)(9,27)(10,20)(11,25)(12,18)(13,23)(14,16)(15,21)(17,19), (1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,28), (1,4,8,12,16,20,24)(2,6,10,14,18,22,26)(3,7,11,15,19,23,27)(5,9,13,17,21,25,28)]) \cong$ D28
$N_2 = Group([(1,12,24,8,20,4,16)(2,14,26,10,22,6,18)(3,15,27,11,23,7,19)(5,17,28,13,25,9,21), (1,2)(3,5)(4,26)(6,24)(7,28)(8,22)(9,27)(10,20)(11,25)(12,18)(13,23)(14,16)(15,21)(17,19), (1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,28)]) \cong$ D28