

# SUM of PRODUCTS

## Map

	$\overline{D}\overline{E}\overline{F}$	$\overline{D}\overline{E}F$	$\overline{D}E\overline{F}$	$\overline{D}EF$	$D\overline{E}\overline{F}$	$D\overline{E}F$	$DE\overline{F}$	$DEF$
$\overline{A}\overline{B}\overline{C}$	1	0	1	x	x	x	0	0
$\overline{A}\overline{B}C$	0	0	0	0	0	0	0	0
$\overline{A}B\overline{C}$	0	0	0	0	0	0	0	0
$\overline{A}BC$	0	0	0	0	0	0	0	0
$A\overline{B}\overline{C}$	x	0	0	0	0	0	0	0
$A\overline{B}C$	0	0	x	0	0	0	0	0
$AB\overline{C}$	0	0	0	0	0	0	0	0
$ABC$	0	0	0	0	0	0	0	0

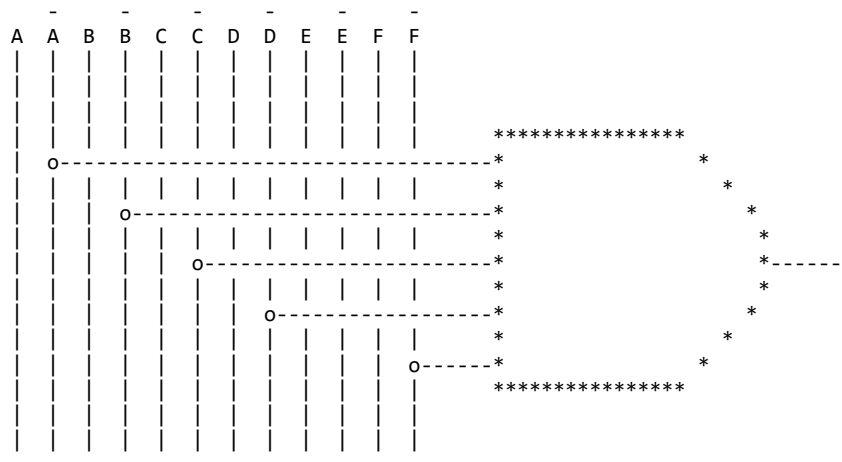
## Map Layout

	$\overline{D}\overline{E}\overline{F}$	$\overline{D}\overline{E}F$	$\overline{D}E\overline{F}$	$\overline{D}EF$	$D\overline{E}\overline{F}$	$D\overline{E}F$	$DE\overline{F}$	$DEF$
$\overline{A}\overline{B}\overline{C}$	0	1	3	2	4	5	7	6
$\overline{A}\overline{B}C$	8	9	11	10	12	13	15	14
$\overline{A}B\overline{C}$	24	25	27	26	28	29	31	30
$\overline{A}BC$	16	17	19	18	20	21	23	22
$A\overline{B}\overline{C}$	32	33	35	34	36	37	39	38
$A\overline{B}C$	40	41	43	42	44	45	47	46
$AB\overline{C}$	56	57	59	58	60	61	63	62
$ABC$	48	49	51	50	52	53	55	54

## Groups

(0,2)	$\overline{A}\overline{B}\overline{C}\overline{D}\overline{F}$
(2,3)	$\overline{A}\overline{B}\overline{C}\overline{D}E$

$$y = \overline{A}\overline{B}\overline{C}\overline{D}\overline{F} + \overline{A}\overline{B}\overline{C}\overline{D}E$$





39	1	0	0	1	1	1	0
40	1	0	1	0	0	0	0
41	1	0	1	0	0	1	0
42	1	0	1	0	1	0	0
43	1	0	1	0	1	1	x
44	1	0	1	1	0	0	0
45	1	0	1	1	0	1	0
46	1	0	1	1	1	0	0
47	1	0	1	1	1	1	0
48	1	1	0	0	0	0	0
49	1	1	0	0	0	1	0
50	1	1	0	0	1	0	0
51	1	1	0	0	1	1	0
52	1	1	0	1	0	0	0
53	1	1	0	1	0	1	0
54	1	1	0	1	1	0	0
55	1	1	0	1	1	1	0
56	1	1	1	0	0	0	0
57	1	1	1	0	0	1	0
58	1	1	1	0	1	0	0
59	1	1	1	0	1	1	0
60	1	1	1	1	0	0	0
61	1	1	1	1	0	1	0
62	1	1	1	1	1	0	0
63	1	1	1	1	1	1	0