TRUTH TABLE

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Q2	Q1	Q0
0	0	0
0	0	1
0	1	0
0	1	1
1	0	0
1	0	1
1	1	0
1	1	1

a	b	c	d	e	f	g1	g2	h	j	k	l	m	n
1	1	1	0	1	1	1	1	1	1	1	1	1	1
1	1	1	1	0	0	1	1	1	1	0	1	1	0
1	0	0	0	0	0	1	1	1	1	1	1	1	1
1	1	1	0	1	1	1	1	1	1	1	1	1	1
0	1	0	0	1	0	0	0	1	1	1	1	1	1
0	0	0	0	1	0	0	0	1	1	1	1	1	1
0	0	1	0	0	1	0	0	1	1	1	1	1	1
0	1	0	0	1	0	0	0	1	1	1	1	1	1

_	V	U	_	5	9	2	5
d	e	f	d	a	a	a	a
	f	e		f	f	b	f
	n	d		g1	g1	g2	g1
	k	c		g2	g2	g1	g2
		b		c	b	e	c
				d	c	d	d

a = $\overline{Q2}$	g2 = g1
b = $\overline{Q2}$ $\overline{Q1}$ + $\overline{Q1}$ Q0 + Q1 Q0	h = 1
c = $\overline{Q2}$ Q1 + $\overline{Q2}$ Q0 + Q2 Q1 $\overline{Q0}$	j = 1
d = $\overline{Q2}$ $\overline{Q1}$ Q0	k = $\overline{Q0}$ + Q1 + Q2
e = $\overline{Q1}$ $\overline{Q0}$ + Q1 Q0+ Q2 $\overline{Q1}$	l = 1
f = $\overline{Q2}$ $\overline{Q1}$ $\overline{Q0}$ + $\overline{Q2}$ Q1 Q0+ Q2 Q1 $\overline{Q0}$	m = 1
g1 = $\overline{Q2}$	n = k