

**Truth Table**

A	B	C	D	E = A AND B	F = C OR D	G = (F NOR E)
T	T	T	T	T	T	F
F	T	T	T	F	T	F
T	T	T	F	T	T	F
F	T	T	F	F	T	F
T	T	F	T	T	T	F
F	T	F	T	F	T	F
T	T	F	F	T	F	F
F	T	F	F	F	F	T
T	F	T	T	F	T	F
F	F	T	T	F	T	F
T	F	T	F	F	T	F
F	F	T	F	F	T	F
T	F	F	T	F	T	F
F	F	F	T	F	T	F
T	F	F	F	F	F	T
F	F	F	F	F	F	T

$$A * B + (C + D)$$

