

Sum of Products Expressions

Part A $Out_1 = AB(\overline{C} + \overline{D})$

Part B $Out_2 = \overline{A} + B + C + \overline{D}$

Part C $Out_3 = \overline{A}\overline{B}C + \overline{D}E + \overline{F}$

Part D $Out_4 = A(\overline{B} + \overline{C}) + \overline{D}\overline{E}$

Part E $Out_5 = \overline{A}\overline{B}(C + D) + \overline{E} + \overline{F} + \overline{G}$

Part F $Out_6 = (\overline{A}B + \overline{C})D + \overline{E}$