$$Y_{2} = \sum_{m} (0, 1, 4, 6, 8, 10)$$

$$Y_3 = \overline{A}\overline{B} + AC + B\overline{C}$$

$$= (A+B)(\overline{A}+\overline{C})(\overline{B}+C)$$

$$= A\overline{B}\overline{C} + \overline{A}BC$$

$$AB = 00 = 01 = 11 = 10$$

$$C = 0 = 0 = 0$$

$$1 = 0 = 0$$

$$1 = 0 = 0$$

$$Y_{1} = \overline{AB} \cdot A - \overline{AB} \cdot B$$

$$= (\overline{A} + \overline{B}) A \cdot (\overline{A} + \overline{B}) B$$

$$= \overline{AB} \cdot \overline{AB}$$

$$= \overline{AB} \cdot \overline{AB}$$

 $Y_1 = \overline{A} \, \overline{D} + \overline{B} \, \overline{D} + \overline{B} \, C$

Y3 = ABC+ABC+ABC+ABC = ABC+ABC+AB

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