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

$$Y = (\overline{A \oplus C})AC + \overline{D}$$

$$Y = (\overline{C}D + BD) \oplus A$$

$$Y = \overline{(\overline{B} + D)}C \oplus AB$$

$$Y = \overline{\overline{A}B} \oplus AC$$