

SUBDESIGN JyankenunitA

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GOO1      :input;
CHOKI1    :input;
PAA1      :input;
GOO2      :input;
CHOKI2    :input;
PAA2      :input;
KACHI1    :output;
KACHI2    :output;
OAIKO     :output;
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BEGIN

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KACHI1=((GOO1 AND (NOT CHOKI1) AND (NOT PAA1)) AND ((NOT GOO2) AND CHOKI2 AND (NOT PAA2))) OR
        ((NOT GOO1) AND CHOKI1 AND (NOT PAA1)) AND ((NOT GOO2) AND (NOT CHOKI2) AND PAA2)) OR
        (((NOT GOO1) AND (NOT CHOKI1) AND PAA1) AND (GOO2 AND (NOT CHOKI2) AND (NOT PAA2)));
KACHI2=((GOO1 AND (NOT CHOKI1) AND (NOT PAA1)) AND ((NOT GOO2) AND (NOT CHOKI2) AND PAA2)) OR
        (((NOT GOO1) AND CHOKI1 AND (NOT PAA1)) AND (GOO2 AND (NOT CHOKI2) AND (NOT PAA2))) OR
        (((NOT GOO1) AND (NOT CHOKI1) AND PAA1) AND ((NOT GOO2) AND CHOKI2 AND (NOT PAA2)));
OAIKO=((GOO1 AND (NOT CHOKI1) AND (NOT PAA1)) AND (GOO2 AND (NOT CHOKI2) AND (NOT PAA2))) OR
        (((NOT GOO1) AND CHOKI1 AND (NOT PAA1)) AND ((NOT GOO2) AND CHOKI2 AND (NOT PAA2))) OR
        (((NOT GOO1) AND (NOT CHOKI1) AND PAA1) AND ((NOT GOO2) AND (NOT CHOKI2) AND PAA2));
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END;