	_		
	func.	CL expression	schematic
(a)	NOT	(S NAND I)	
	AND	(C B NAND) (B (S NAND I)) $\rightarrow (C B NAND) (B NOT)$	
	OR	$\begin{array}{l} ((B\ (C\ (B\ (S\ NAND)\\ NAND)))\\ (S\ NAND\ I)\\ \rightarrow ((B\ (C\ (B\ (S\ NAND)\\ NAND)))\ NOT \end{array}$	
(b)	$E_1$	S B (S NAND)	$x - f(\cdot)$
	$E_2$	(B (C B NAND) S)	$x - g(\cdot)$
(c)	TRUE	(S NAND) (S NAND I) $\rightarrow$ (S NAND) NOT	
	FALSE	$\begin{array}{c} \text{(S B (S NAND)) (S NAND I)} \\ \rightarrow E_1 \text{ NOT} \end{array}$	E <sub>1</sub> ( )
	XOR	$\begin{array}{l} ((S \ B \ C \ ((B \ (C \ B \ NAND)) \ S) \ ((B \ (C \ B \ NAND)) \ S) \ (B \ C \ (B \ (B \ NAND)) \ NAND)))))) \\ ) \\ ) \\ ) \\ ) \\ ) \\ ) \\ ((S \ B \ C \ (E_2 \ (E_2 \ (B \ C \ ((B \ (B \ NAND)) \ NAND)))))) \\ ) \\ ) \\ ) \\ ) \end{array}$	

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