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Assume Want To Shift Left By K, $0 \leq K \leq N-1$ ($N = 2n$) K Expressible As N-bit Number: $-K = 2^{n-1} - 2^{n-2} + \dots + 2^1 - 2^0$, $K_i \in \{0, 1\}$ Barrel Shifter: Construct From N Levels Of N 2-in Multiplexors - When Level I Either Shifts Last Level By 2^{I-1} Or Pass Unchanged Circuits-C Sli Apr 30th, 2024

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