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(54) **DYNAMIC PULSE GENERATOR WITH
SMALL PROPAGATION DELAY**

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ABSTRACT

Embodiments of the invention provide for a dynamic pulse generator which can combine both the sequential element and the pulse logic into one stage, thereby eliminating the wasted time resulting from a pulse generator' input-to-output propagation delay. The dynamic pulse generator can include a plurality of P-MOS an N-MOS transistors, a first delay element, and a second delay element.

