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(54) **SOURCE FOLLOWER CIRCUITRY
INCLUDING PHASE SHIFT CIRCUITRY**

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(57) **ABSTRACT**

An electronic system includes a source follower circuitry that functions as an input driver. The source follower circuitry includes a first input transistor, first current source circuitry, and first phase shift circuitry. The first input transistor includes a first node coupled to a first voltage node, a second node coupled to a first output node, and a gate node coupled to a first input node. The gate node receives a first input signal via the first input node. The first current source circuitry coupled to the first output node and configured to generate a first bias current. The first phase shift circuitry is coupled to the first current source circuitry. The first phase shift circuitry generates a first phase shift signal to modulate the first current source circuitry to reduce signal drop across the first input transistor.

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