

## A Low-Voltage Synchronous Command for JFET Rectifiers

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**Abstract :** The synchronous, low-voltage command for JFET Rectifiers has many applications: indeed, replacing the traditional diodes by these components allows enhanced performances in gain, linearity and phase shift. We introduce here a new bridge, including JFET associated with pull-down, bipolar command systems, and double-purpose logic gates.

**Keywords :** synchronous, rectifier, MOSFET, JFET, bipolar command system, push-pull circuits, double-purpose logic gates

**Conference Title :** ICEIE 2014 : International Conference on Electronics and Information Engineering

**Conference Location :** London, United Kingdom

**Conference Dates :** January 20-21, 2014