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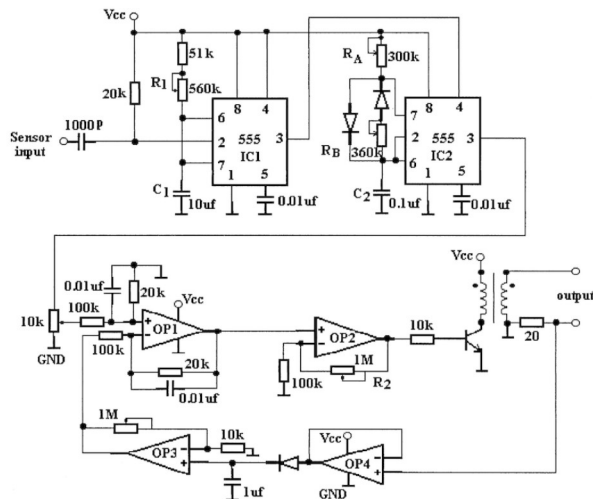
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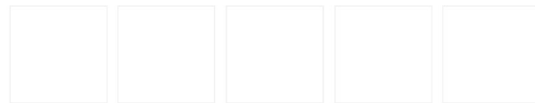
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Typical circuit of a transformer-based FES.

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Development of a Circuit for Functional Electrical Stimulation

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Apr 2004

K.W.E. Cheng · Yan Lu · Raymond Kai-Yu Tong · Darmawan Sutanto

This paper examines the various design of a multiple-purpose portable functional electrical stimulator which is used in surface stimulation of paralyzed muscle of patients with stroke and results in limb activation. The functionality, circuit performance and reliability of the circuits will be examined. Analysis, design, and experimental results ar...

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