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BASE CURRENT COMPENSATOR FOR
IMPROVED PERFORMANCE**

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ABSTRACT

An electronic system includes a bipolar junction transistor (BJT) input stage circuit having a first BJT input, a second BJT input, a first BJT output, a second BJT output, and a BJT voltage input. An amplifier has a first amplifier input, a second amplifier input, and an amplifier output. The first amplifier input is coupled to the first BJT output and the second amplifier input is coupled to the second BJT output. The second BJT input is coupled to the amplifier output. A base current compensator has a first base compensator output, a second base compensator output, and a base compensator voltage output. The first base compensator output is coupled to the first BJT input and the second base compensator output is coupled to the second BJT input. The base compensator voltage output is coupled to the BJT voltage input.

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