

IGBTs minimize energy loss in motor-control circuits



By

minimizing the two major sources of energy loss in motor-control circuits, a series of power transistors from STMicroelectronics purportedly reduces the environmental impact of daily-use equipment. The STGW30N120KD and the STGW40N120KD are Insulated Gate Bipolar Transistors (IGBTs) featuring an industry-standard TO-247 package. The 1200 V IGBTs are capable of surviving short circuits lasting up to 10 microseconds. The STGW30N120KD and STGW40N120KD are for applications up to 30 A and 40 A, respectively. From \$2.50 in quantities of 5000 pieces.

STMicroelectronics

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