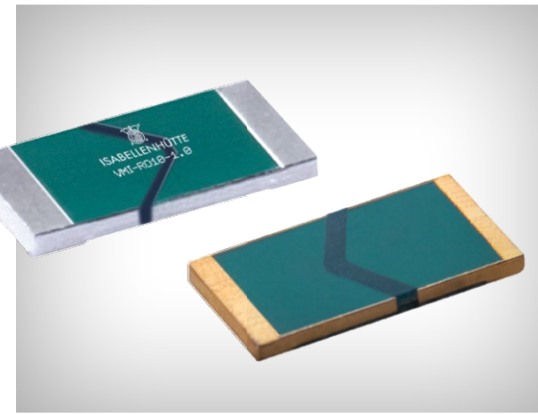




CUSTOMER STORIES

ACHIEVING BETTER ENERGY USE AND RELIABLE LIFETIME PERFORMANCE IN CONSUMER WHITE GOODS.



Isabellenhütte supports the effort with “smart components” and a streamlined one-product solution to keep costs manageable.

CHALLENGE

Producers of large household electrical appliances (e.g. washing machines, refrigerators and freezers) are increasingly turning to brushless DC (BLDC) motors to deliver the kind of energy-saving potential demanded by modern consumers. To keep costs in-line, manufacturers need a way to make BLDC motors integrate better with their external control electronics.

SOLUTION

Isabellenhütte resistors are part of many design strategies that are delivering up to 30% energy savings, along with excellent lifetime reliability and performance. Precision resistors like our VMx, CMx, and FMx series are meeting multiple technical challenges in a one-component solution. These surface mount resistors are available in a variety of package sizes, including 0805, 1206, 2010, and 2512 to handle from 0.5W to 5W requirements.

APPLICATION

Consumer “white goods” such as: Washing Machines, Clothes Dryers, Combination Units, Refrigerators and Freezers, Electric Stoves and Ovens other applications that use Brushless DC motors