FREEWHEELING DIODES FOR HIGH PERFORMANCE INVERTER SYSTEMS

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Proton-Electrotex engineers developed freewheeling diodes to operate at the reverse recovery process with high change rate of reverse recovery current (dI_{rrm}/dt), and high power supply reverse voltage (V_R) by means of proton irradiation technology, sintering technology anc implementation of
n'-buffer. The diodes are designed to be used as reverse diodes for high voltage stacks assembled using IGBT and IGCT.

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