

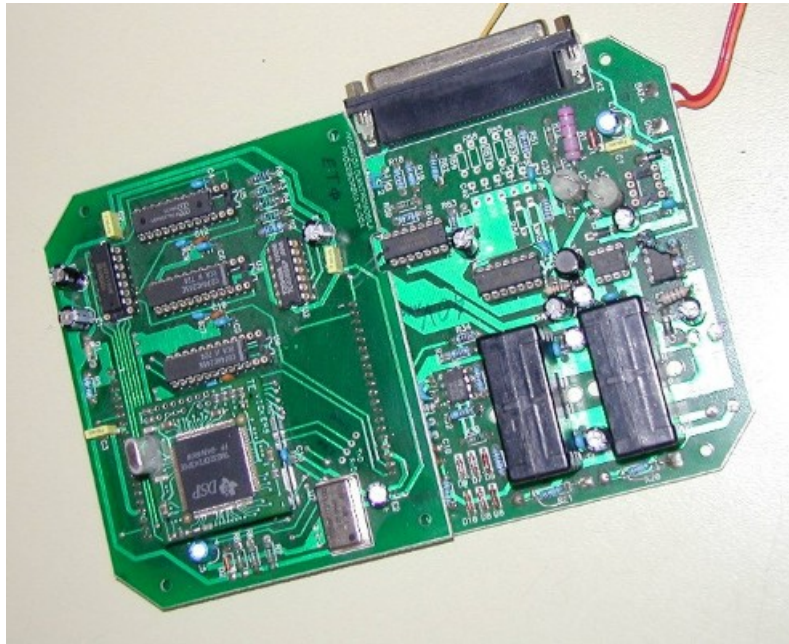
Fork lift traction AC drive, 24V, 4kW

Customer:

Iskra Avtoelektrika, Sempeter, Nova Gorica, SI

Product description:

A 4 kW fork lift traction drive using recent advances in low voltage power MOSFET technology and the DSP technology enables a low cost substitution of DC brushed traction motors with robust AC induction motors, controlled through the field orientation principle. CAN-Open communication reduces the wiring and simplifies the installation, monitoring and command in multi-motor, distributed-intelligence vehicles.



Involvement:

DSP-hardware design, control and communication embedded software design and documentation. Production of the first 2 prototypes, supporting the client towards series production, supporting the client in marketing issues, software interventions when the product was retailed to specific needs of the target client.