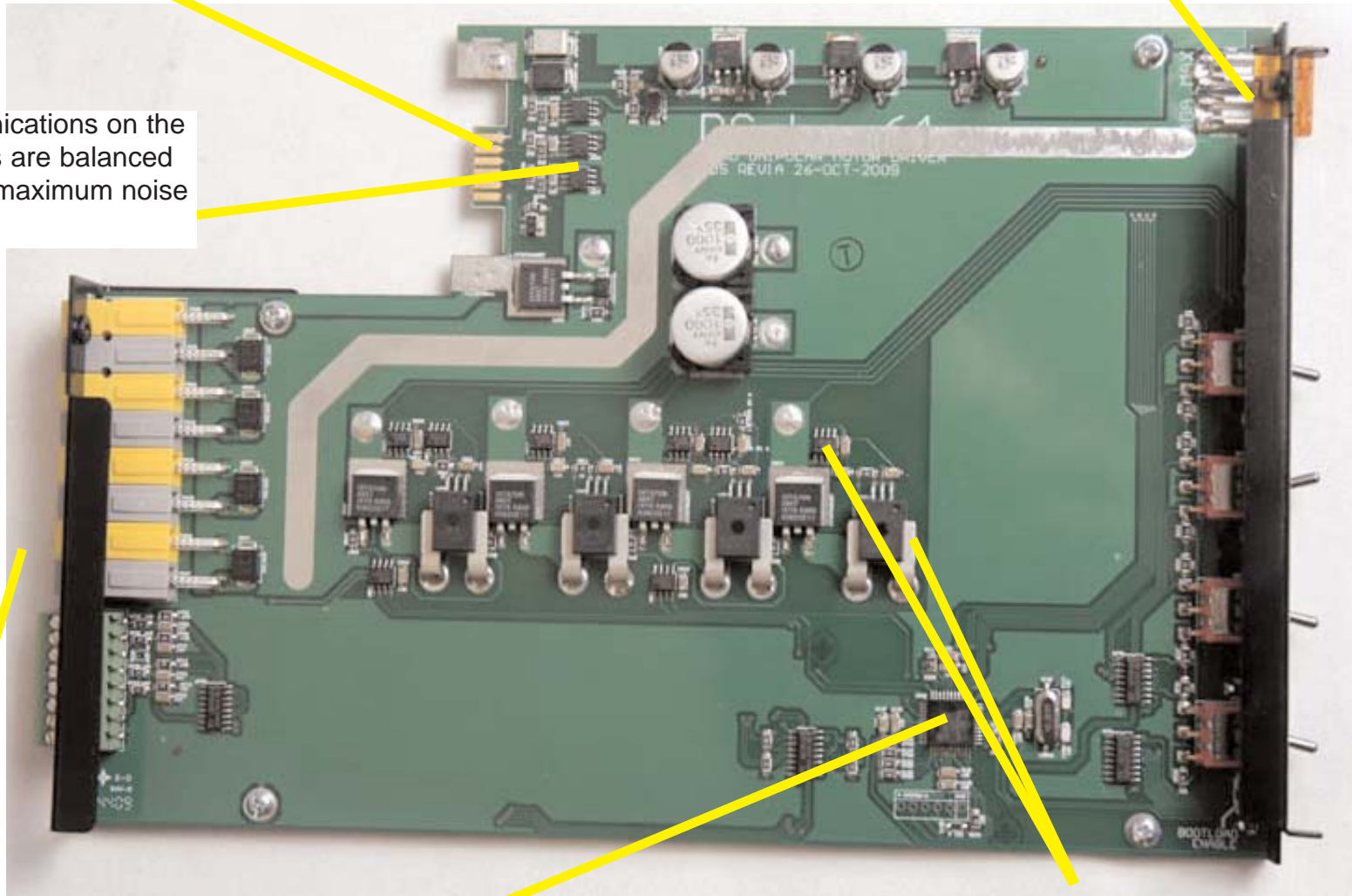


# DCshow64 - Quad Unidirectional Motor Drive

Gold plated data contacts mate with gold plated receptacles on backplane. High-current power is delivered through copper L-brackets that screw into the busbars (not shown).

40A fuse will open only if on-board electronic protection systems fail.

All communications on the internal bus are balanced RS485 for maximum noise immunity.



Anderson connectors for motor power outputs. Removeable screw-terminal block for limit switch inputs. Each driver has one limit switch input.

State-of-the-art Microchip dsPIC33 Microcontroller includes an onboard DSP engine, multiple PWM generators and two high-speed data ports.

Each of four N-Channel mosfet motor drivers has it's own temperature and current sensor. The temperature sensor is positioned over copper in the current supply path to the mosfet. These sensors are the core of built-in circuit protection.