

## S250 Motherboard – G2101

<u>Revision</u>	<u>Change</u>	<u>Customer Release Note</u>
1.19	CN1434	Transistor missing for microprocessor initial settings More accurate resistor fitted Resistor quantity amended in PDP
1.18	CN1350	Change to a more accurate 100K resistor. This will increase the accuracy of Analogue Inputs.
1.17	CN1349	Change to a more accurate 500R6 resistor. This will increase the accuracy of Analogue Inputs.
1.16	CN1316	No change to product, changes made to manufacturing information.
1.15	CN1315	Both the 2.5V references are now high accuracy to save on stocking extra parts.
1.14	CN1311	Occasionally boards were failing test due to the initial accuracy of the voltage reference. The voltage reference has been changed to one with a tighter initial tolerance.
1.13	CN1283	Manufacturing instructions changed for production - Diagram for label fitting.
1.12	CN1242	Add a label to the battery connector to clarify the pinout. Also to use common parts in stores Voltage reference changed to superior part.
1.11	CN1198	Add buffering to charger control lines to make more robust. Also plant connectors have been moved forward 1.5mm to allow connectors to be used with shrouds. Also extended delay on ring signal for use with GSM modem.
1.10	CN1194	AVR part changed to latest MEGA AVR part, 10K trimmer pot for LCD changed to 20K part to use common parts in stores.
1.09	CN1172	10K Pull up resistor for the RS232 shutdown line on Com A missed form Part List.
1.08	CN1161	Motherboard rework to allow operation with new RS232/485 module.
1.07	CN1156	Instruction added on more accurately soldering LCD connector due to some failing in test.
1.06	CN1137	Introduce improved ISP design for digital outputs.
1.05	CN1127	New PCB (rev D)
1.04	CN1126	Introduced automated test rig.
1.03	CN1119	Improved component grounding specified to production desk.
1.02	CN1108	New PCB (rev C).
1.01	CN1107	Detail extra component (non-standard) mountings to motherboard.
1.00	----- -	Product released to production.