

ECN # 534

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**ENGINEERING CHANGE NOTE:**

mfx3

ECN #:

534

ASSEMBLY: BMW4101C-E**DESCRIPTION:** MW4-SIO1 Sync I/O 1 Card**New Assembly:** BMW4101C-F**DATE:** 21/01/03**Current Assy Rev:** E**Current Schematic Rev:****New Assy Rev:** F**New Schematic Rev:**

THIS ECN INCORPORATES ECN351.1

☐ CMS BOMs Updated ☐ Excel BOMs Updated ☐ Subcontractor Records Updated **Compatibility Maintained:** Yes

IMPLEMENTATION INFORMATION:

- ☐ Safety Issue ☐ UL Compliance Issue ☐ New Feature ☐ Cost Reduction
☐ Bug Fix ☐ EMC Compliance Issue ☐ Quality Issue
☐ Reliability Reasons ☐ Software Change ☐ Cosmetic Change

REASON FOR CHANGE:

Symptom: Output Voltage too low at 75 Ohm load

DETAILS OF CHANGE:

1. Connect a 1k resistor from the end of R202 furthest from the edge connector to the end of L2 furthest from the edge connector (VCC). These are located on the top side near the PCI connector. NOTE: This mod is a carry-over from ECN351.1
2. Lift Pins 5,6,7 and 8 on U7 and connect wire from these pins (all bridged) to R118, top pin (nearest to U7)
3. Connect wire from U7, pins 12,13,14 and 15 (all bridged) to R203 top pin (nearest to U7). No need to lift the pins.
4. Label the Board revision so that the full label reads: BMW4101C-F

NOTE TO SUBCONTRACTORS: Implement this ECN to all stock and WIP and the future production. Please note that step 1 is a carry-over from ECN351.1.

NOTE TO PRODUCTION: Implement this ECN to all stock and WIP. NOTE: Step 1 has already been implemented by Subcontractors.

NOTE TO FIELD SERVICE: Modify the Units in field that experience the symptom. NOTE: Step 1 has already been implemented.