

 **ENGINEERING CHANGE NOTE:** 

ECN #: 399

ASSEMBLY:	BMW4011E	DESCRIPTION:	MW4-PXY CPU CARD
New Assembly:		DATE:	1/12/00
Current Assy Rev:	R	Current Schematic Rev:	5.11
New Assy Rev:	S	New Schematic Rev:	5.12

☐ CMS BOMs Updated

☐ Excel BOMs Updated

☐ Subcontractor Records Updated

Compatibility Maintained: Yes

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

REASON FOR CHANGE:

To prevent the CONRXNEG track possibly shorting out to against the metal guidrails.

DETAILS OF CHANGE:

Cut the track that emerges between pins 1 and 2 of U1 on the connector side of the PCB.

Cut the same track as it disappears under J1 at the 'C' row of pins.

Fit a wire link from U1 pin 7 to J1 pin C1 (under the metal shield).

5. Place revision resistors (RMD8573 - RES 10K 0.125W 1% SMD0603) as follows;

R127 - 10k

R128 - Omit

R133 - 10k

R134 - Omit

R135 - Omit

R136 - Omit

R137 - 10k

R138 - 10k

Place a assembly revision label on the card, marked "S", after the blank Rev 5 PCB P/N so it reads as " BMW4011E-S".

This ECN applies to all the boards in stock and in working process.

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HW or Project Engineer.....

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R&D or Project Manager.....