ECN#

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## **ENGINEERING CHANGE NOTE:**



ECN#:

**ASSEMBLY:** BMW4011 **DESCRIPTION:** PXY CPU CARD

New Assembly: DATE: 13/04/00

**Current Assy Rev:** F (4.3), F (5.0) **Current Schematic Rev:** New Assy Rev: G (4.4), G (5.1) **New Schematic Rev:** 

 Subcontractor Records Updated O CMS BOMs Updated Compatibility Maintained: Yes

## IMPLEMENTATION INFORMATION:

	Safety Issue	UL Compliance Issue	O New Feature	Cost Reduction
•	Bug Fix	EMC Compliance Issue	<ul><li>Quality Issue</li></ul>	

**EMC Compliance Issue Reliability Reasons** 

**Software Change Cosmetic Change** 

## **REASON FOR CHANGE:**

Fix voltage detection ADC at U76 (MAX156)

## **DETAILS OF CHANGE:**

- 1. Connect U76/21 to U76/22.
- 2. Connect U76/1 to U76/28.
- 3. Connect U76/3 to U76/26.
- 4. Lift U76/6, Connect a 1k SMD0603 resistor between U76/6 pad and lifted U76/6 pin.
- 5. Connect a 680R SMD0603 resistor between lifted U76/6 pin and U76/14.
- 6. Place revision resistors (all 10k SMD0603) as follows:

For Rev 4 PCBs			For Rev 5 PCBs		
	10k	Omit		10k	Omit
- D107			D107		
R127	X		R127		X
R128		X	R128	X	
R133	X		R133	X	
R134	21	X	R134	21	X
K134		Λ	K154		Λ
R135		X	R135	X	
R137	X		R137		X
D126	<b>X</b> 7		D126	37	
R136	X		R136	X	
R138		X	R138		X

Change both Rev4 and Rev5 boards' assembly revision labels on PCB to Rev G.