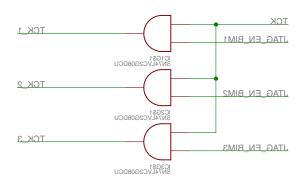
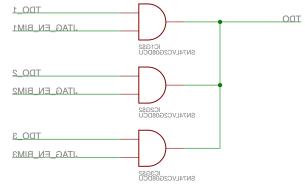
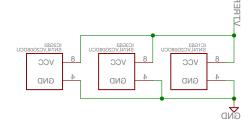
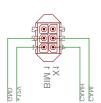


JTAG programmer needs to see +3.3V on VTREF to program. Using a diode OR to provide this from the connected BIMs. BAT54C Vf $\simeq 0.24$ V, so VTREF should still be above logic level.

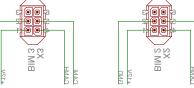






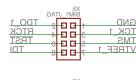






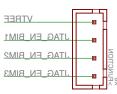
Sheet 1/1

CANH



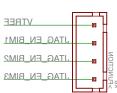
	X6 BIM2_JTAG	
TDO 2	o E E L	GND
RTCK	3 0 0 4	TCK 2
TRST	2 5 5 5	TMS
TDI		VTREF 2
	0 11 11	_

	X7 BIM3 JTAG	
0.00T	BINI3_JIAG	CI40
TDO_3	1 🖸 🖸 2	GND
RTCK	3 🗗 🗗	<u>ТСК_3</u>
TRST	- 	IMS
TDI	8 0 7	VTREF 3
	0 6 6	





	X7 BIM3 JTAG	
TDO 3	2 🗖	GND
RTCK		TCK 3
TRST		LMS E
TDI		VTREF 3
	8 🖸 🗗	



	6X		
13 EMU0		14	EMU1
11 TCK		12	GND
9 RTCK	ᆮᆖ	10	GND
7 TDO		8	GND
5 VTREE			
3 TDI		4	TDIS
1 TMS		2	TRST

e.g. Amphenol 71918-114LF mates w Amphenol 71600-014LF

This header allows user to select which BIM is programmed by backplane JTAG port. Short one JTAG_EN_BIMn line to VTREF to select that BIM.

Warning: do not enable more than one BIM at a time. The backplane and/or BIMs may be damaged.



Board: BIM BMI Backplane Drawn by Aaron Bonnell-Kangas Revision date: v1.0 - 2016-04-11 Last modified date: 4/11/16 1:40 AM