



Notes:

AC/DC PreAmp Block - 16 identical blocks per 6U VME Module

AC Configuration: Do not install A_36; Input Range: 0 to 250 mVpp

DC Configuration: Do not install A_15, A_21, A_27; Input Range: 0V to +2V.

Set: OFS= 0V; COM=+0.8V, INOFF = -1V

The following Voltages are hard-wired: INOFF, OFS. They can be adjusted by changing resistor values.

The following Voltages have to be programmed: COM, COMP1, COMP2, CAL. They can be adjusted via VME.

To change Gain for both AC and DC configurations: change A_13, A_45.

To double Gain for the AC configuration only: change A_7 to THS4303.

Engineer	M. Bogdan	The University of Chicago 5620 S. Ellis Ave. Chicago, IL 60637	
Drawn by	M. Bogdan		
R&D CHK		TITLE	Size
DATE:	9/19/12	16-Ch, GHz AC/DC ADC Module	
TIME:	4:22 pm	GHz ACDC PreAmp	
QA CHK		REV A	Sheet 3_0
		DRW. 2793	