



TAPS-6 CPU/IO CARD
04 NOV 1997

MEMORY-MAPPED I/O & DATA RAM:

ADDRESS	FUNCTION
\$C000	Set High byte of data ram address (write only)
\$C001	Set Mid byte of data ram address (write only)
\$C002	Set Low byte of data ram address (write only)
\$C003	Access data ram byte (read or write)
\$C007	Set IO functions: CHANNEL (transmit only) ADC SELECT 485 DATA DIRECTION

PORT A USAGE:

PORT	FUNCTION
PA7	Transmit gate
PA6	\INHIBIT (no transmissions)
PA5	INST - turn on/off external instrument(s)
PA4	TRANS - turn on/off transceiver channels
PA3	\PHASE - invert transmit signal phase
PA2	\BUSY - conversion in progress on MAX111 ADC
PA1	FREQ 2 IN - read frequency of instrument #2
PA0	FREQ 1 IN - read frequency of instrument #1

