

STATUS PORT INPUT BIT ASSIGNMENTS

PORT F8 (STATUS, SERIAL COMM. CHANNEL)

<u>BIT</u>	<u>SIGNAL NAME</u>	<u>FUNCTION</u>	<u>ACTIVE DIRECTION</u>
Ø	SCD	Serial Carrier Detect (EIA)	1 carrier
1	SDSR	Serial Data Set Ready (EIA)	Ø link ok
2	SPE	Serial Parity Error	1 error
3	SFE	Serial Framing Error	1 error
4	SOE	Serial Overrun Error	1 error
5	SCTS	Serial Clear to Send (EIA)	Ø clear
6	SDR	UART Serial Data Ready	1 ready
7	STBE	UART Serial Transmit Buffer Empty	1 empty

PORT FA (AUX. STATUS, CASSETTE TAPE INTERFACE, PARALLEL I/O, KEYBOARD INPUT)

<u>BIT</u>	<u>SIGNAL NAME</u>	<u>FUNCTION</u>	<u>ACTIVE DIRECTION</u>
Ø	KDR	Keyboard Data Ready	Ø ready
1	PDR	Parallel Data Ready	Ø ready
2	PXDR	Parallel eXternal Device Ready	Ø ready
3	TFE	Tape Framing Error	1 error
4	TOE	Tape Overrun Error	1 error
5	not used		
6	TDR	Tape Data Ready	1 ready
7	TTBE	Tape Transmitter Buffer Empty	1 empty

PORT FE (DISPLAY STATUS)

<u>BIT</u>	<u>SIGNAL NAME</u>	<u>FUNCTION</u>	<u>ACTIVE DIRECTION</u>
Ø	SOK	Scroll OK; ¼ sec timeout after scroll	Ø time complete

CONTROL PORT OUTPUT BIT ASSIGNMENTS

PORT F8 (CONTROL, SERIAL COMM. CHANNEL)

<u>BIT</u>	<u>SIGNAL NAME</u>	<u>FUNCTION</u>	<u>ACTIVE DIRECTION</u>
4	SRTS	Serial Request to Send	1 request

PORT FA (CONTROL, PARALLEL I/O, CUTS CASSETTE I/O)

<u>BIT</u>	<u>SIGNAL NAME</u>	<u>FUNCTION</u>	<u>ACTIVE DIRECTION</u>
3	PIE	Parallel Input Enable	1 pin 3 J2 low
4	PUS	Parallel Unit Select	0 pin 14 J2 low
5	TBR	Tape Baud Rate (300/1200)	0 1200 Baud
6	TT2	Tape Transport 2	0 run tape
7	TT1	Tape Transport 1	0 run tape

PORT FE (SCROLL CONTROL, DISPLAY SECTION)

<u>BIT</u>	<u>SIGNAL NAME</u>	<u>FUNCTION</u>	<u>ACTIVE DIRECTION</u>
Ø - 3	BDLA	Beginning Display Line Absolute address	4-bit data nybble
4 - 7	FDSP	First Displayed Line Screen Position	4-bit data nybble

CONNECTOR DESIGNATION

J1	Serial data	J6	Cassette Tape Audio Out
J2	Parallel Data	J7	Cassette Tape Audio In
J3	Keyboard	J8	Tape Motor 1
J4	Display Expansion	J9	Tape Motor 2
J5	ROM Personality Module	J10	PC Power
		J11	S-100 Bus Expansion