VPNET: VME PATTERN NETWORK MODULE

(380-203)

David G. Brown

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INTERRUPT LEVEL	**1**
INTERRUPT VECTO	**AA**

ADDRESS MAP

Address	Mode	Bits	Function
00	(r/w)	0-4	**SDLC Receiver Status Register**
		0	Channel Enable (0 = active, 1 = inactive)
		1	Receiving Frame Data (1 = currently receiving frame data)
		2	Channel Active (0 = data on channel, 1 = idle pattern on channel)
		3	Error Frame (0 = no frame error, 1 = frame error)
		4	Frame Abort (0 = frame not aborted, 1 = frame aborted)
00	(r)	7-15	**Firmware Version Number**
04	(r/w)	0-5	**SDLC Receiver Control Register**
		0	HDLC Protocol Disable (0 = normal HDLC, 1 = transparent mode)
		1	Address Recognition (0 = Normal address matching, 1 = all addresses)
		2	Address Field Discarded (0 = passed through, 1 = discarded)
		3	Address Size (0 = 8-bits, 1 = 16-bits)
		4	Broadcast Address Match (0 = enable, 1 = disable)
		5	Frame Check Sum Size (0 = CRC-16, 1 = CRC-32)
08	(r/w)	0-15	**SDLC Address**
0C	(r)	0-5	**SDLC Frame Bits (read & clear)**
		0	RXDATASTROBE
		1	RXFRAMESTART
		2	RXFRAMEEND
		3	RXFRAMEABORT
		4	RXFRAMEERROR
		5	RXCHANNELIDLE
10	(r)	0-31	**PNET Bits 0->31**
14	(r)	0-31	**PNET Bits 32->63**
18	(r)	0-31	**PNET Bits 64->95**
1C	(r)	0-31	**PNET Bits 96-127**