

== CONSOL ==
COPYRIGHT 1976

PROCESSOR TECHNOLOGY CORP.
6200 HOLLIS STREET
EMERYVILLE, CALIF. 94608

C234 1A	0582	SCHRI	LDAX	D	GET NEXT CHARACTER
C235 FE 20	0583	CPI	SPACE		
C237 C0	0584	RNZ	.		WE'RE PAST THEM
C238 13	0585	INX	D		NEXT SCAN ADDRESS
C239 0D	0586	DCR	C		
C23A C8	0587	RZ	.		COMMAND ERROR
C23B C3 34 C2	0588	JMP	SCHRI		KEEP LOOPING
C23E	0589	*			
C23E	0590	*			THIS ROUTINE SCANS OVER CHARACTERS, PAST BLANKS AND
C23E	0591	*			CONVERTS THE FOLLOWING ADDRESS TO HEX. ERRORS RETURN TO
C23E	0592	*			THE ERROR HANDLER.
C23E	0593	*			
C23E	0594	SCONV	CALL	SBLK	
C241 CA 8E C3	0595	JZ	ERR1		
C244	0596	*			
C244	0597	*			THIS ROUTINE CONVERTS ASCII DIGITS INTO BINARY FOLLOWING
C244	0598	*			A STANDARD HEX CONVERSION. THE SCAN STOPS WHEN AN ASCII
C244	0599	*			SPACE IS ENCOUNTERED. PARAMETER ERRORS REPLACE THE ERROR
C244	0600	*			CHARACTER ON THE SCREEN WITH A QUESTION MARK.
C244	0601	*			
C244 21 00 00	0602	SHEX	LXI	H,0	CLEAR H & L
C247 1A	0603	SHE1	LDAX	D	GET CHARACTER
C248 FE 20	0604	CPI	20H		IS IT A SPACE?
C24A C8	0605	RZ	.		IF SO
C24B	0606	*			
C24B 29	0607	HCONV	DAD	H	MAKE ROOM FOR THE NEW ONE
C24C 29	0608	DAD	H		
C24D 29	0609	DAD	H		
C24E 29	0610	DAD	H		
C24F CD 5B C2	0611	CALL	HCOV1		DO THE CONVERSION
C252 D2 8E C3	0612	JNC	ERR1		NOT VALID HEXIDECIMAL VALUE
C255 85	0613	ADD	L		
C256 6F	0614	MOV	L,A		MOVE IT IN
C257 13	0615	INX	D		BUMP THE POINTER
C258 C3 47 C2	0616	JMP	SHE1		
C25B	0617	*			
C25B D6 30	0618	HCOV1	SUI	48	REMOVE ASCII BIAS
C25D FE 0A	0619	CPI	10		
C25F D8	0620	RC	.		IF LESS THAN 9
C260 D6 07	0621	SUI	7		IT'S A LETTER??
C262 FE 10	0622	CPI	10H		
C264 C9	0623	RET	.		WITH TEST IN HAND
C265	0624	*			
C265	0625	*			
C265	0626	*			SYSTEM START UP, CLEAR PART OF RAM AND SET STACK
C265	0627	*			POINTER, FALLING THROUGH TO TERMINAL MODE.
C265	0628	*			
C265 AF	0629	STRTA	XRA	A	
C266 4F	0630	MOV	C,A		WE CLEAR THE FIRST 256 BYTES
C267 21 00 C8	0631	LXI	H,SYSTRAM		POINT TO SYSTEM RAM
C26A	0632	*			
C26A 77	0633	CLERA	MOV	M,A	
C26B 23	0634	INX	H		