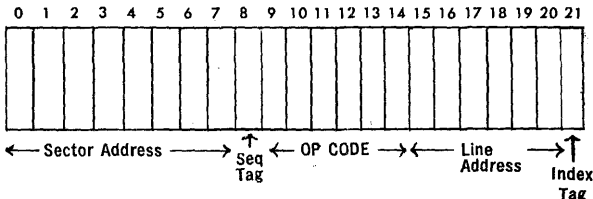


PB 250 COMMAND WORD CONFIGURATION



OPERATIONS SUMMARY OCTAL UTILITY PACKAGE

FUNCTION	CODE
Set location counter	SSSLL\$
Enter accumulated word and advance location counter	C/R
Set location counter and fill from tape	SSSLLF
Punch line in binary format	LLB
Type word in command format	SSSLLC
Type word in data (octal) format	SSSLLD
Jump to specified location	SSSLL
Return control from tape to keyboard	W
Jump to sector 000 of line 02	T
Jump to sector 000 of last line indexed	,
Clear indexed line to +0000000	LL\$+0000000Z
Sequence tag: one (1)	S
Sequence tag: zero (0)	Space
Index tag: one (1)	I
Index tag: zero (0)	;
Sign plus: +(0)	+
Sign minus: -(1)	-
Ignored codes:	Tab
	Code delete

TES COMMAND INPUT SIGNALS

Lines 25-30:	Arbitrary input signals
Line 31:	High-speed punch sync. signal
Line 32:	Magnetic tape gap signal
Line 33:	Magnetic tape reader clock input signal
Line 34:	Photo tape reader sprocket input signal
Line 35:	BREAKPOINT switch input signal
Line 36:	Typewriter or paper tape reader "character input complete" signal
Line 37:	"Typewriter not ready for an output character" signal



Packard Bell Computer

1905 ARMACOST AVENUE, LOS ANGELES 25, CALIFORNIA

COMPLETE LIST OF PB 250 COMMANDS

NUMERIC CODE	MNEMONIC CODE	CLASS	DESCRIPTION
00*	HLT	1	Halt
00*	MAC	2	Merge A into C
01	ICA	2	Interchange A & C
02	IBC	2	Interchange B & C
03	ROT	3	Rotate
04	LDC	2	Load C
05	LDA	2	Load A
06	LDB	2	Load B
07	LDP	3	Load Double Precision
10	STC	2	Store C
11	STA	2	Store A
12	STB	2	Store B
13	STD	3	Store Double Precision
14	ADD	2	Add
15	SUB	2	Subtract
16	DPA	3	Double Precision Add
17	DPS	3	Double Precision Subtract
20*	NAD	1	Normalize and Decrement
20*	NOR	1	Normalize
21*	LSD	1	Left Shift and Decrement
21*	SLT	1	AB Left
22*	RIS	1	Right Shift & Increment
22*	RSI	1	AB Right
23	SAI	1	Scale Right & Increment
24	NOP	1	No Operation
25	IAM	1	Interchange A & M
26	MLX	1	Move Line X to Line 7
30	SQR	1	Square Root
31*	DIV	1	Divide
31*	DVR	1	Divide Remainder
32	MUP	1	Multiply
33*	SBR	1	Shift B Right
33*	LRS	1	Logical Right Shift
34	TCH	4	Transfer if C Negative
35	TAN	4	Transfer if A Negative
36	TBN	4	Transfer if B Negative
37	TRU	4	Transfer Unconditionally
40	EBR	2	Extend Bit Pattern
41	GTB	2	Gray to Binary
42	AMC	2	And M & C
43	CLB	2	Clear B
44	CLC	2	Clear C
45	CLA	2	Clear A
46	ADC	2	And or Combined
47	EXF	2	Extract Field
50	DIU	2	Disconnect Input Unit
51	RTK	2	Read Typewriter Keyboard
52	RPT	2	Read Paper Tape
53	RFU	2	Read Fast Unit
55	LAI	2	Load A From Input Buffer
56	CAM	2	Compare A & M
57	CIB	2	Clear Input Buffer
6X	WOC	1	Write Output Character
70	PTU	1	Pulse to Specified Unit
71	MCL	1	Move Command Line Block
72	BSO	1	Block Serial Output
73	BSI	1	Block Serial Input
75	TOF	4	Transfer On Overflow
77	TES	4	Transfer On External Signal

*Function Determined By Command Address

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