

PB-100 series cheat sheet

by ahum_kadoma

Mode list

7PRT 8off 9MEM
4DEG 5RAD 6GRA
1WRT 2TRA 3off
0RUN .EXT

Free area

PB-100 544
PB-200 1568
PB-400 3616
PB-120 7648

Memory map

0 system
↓ P0 .. P9
: (free)
↑ DEFM
E Z .. A

BEEP/BEK A

MODE 18(A,B)

POKE A,B

MODE 19(A,B)

x	LOG x	LN x	SQR x	x↑2	EXP x
A 0	-	-	0	0	1
B 1	0	0	1	1	2.718281828
C 2	0.3010299957	0.6931471806	1.414213562	4	7.389056099
D 3	0.4771212547	1.098612289	1.732050808	9	20.08553692
E 4	0.6020599913	1.386294361	2	16	54.59815003
F 5	0.6989700043	1.609437912	2.236067977	25	148.4131591
G 6	0.7781512504	1.791759469	2.449489743	36	403.4287935
H 7	0.84509804	1.945910149	2.645751311	49	1096.633158
I 8	0.9030899987	2.079441542	2.828427125	64	2980.957987
J 9	0.9542425094	2.197224577	3	81	8103.083928
K 10	1	2.302585093	3.16227766	100	22026.46579

	0	1	2	3	4	5	6	7	8	9	A	B	C	F
L 11	0	1	2	3	4	5	6	7	8	9	A	B	C	F
M 12	0	1	2	3	4	5	6	7	8	9	A	B	C	F
N 13	0	1	2	3	4	5	6	7	8	9	A	B	C	F
O 14	0	1	2	3	4	5	6	7	8	9	A	B	C	F
P 15	0	1	2	3	4	5	6	7	8	9	A	B	C	F
Q 16	0	1	2	3	4	5	6	7	8	9	A	B	C	F
R 17	0	1	2	3	4	5	6	7	8	9	A	B	C	F
S 18	0	1	2	3	4	5	6	7	8	9	A	B	C	F
T 19	0	1	2	3	4	5	6	7	8	9	A	B	C	F
U 20	0	1	2	3	4	5	6	7	8	9	A	B	C	F
V 21	0	1	2	3	4	5	6	7	8	9	A	B	C	F
W 22	0	1	2	3	4	5	6	7	8	9	A	B	C	F
X 23	0	1	2	3	4	5	6	7	8	9	A	B	C	F
Y 24	0	1	2	3	4	5	6	7	8	9	A	B	C	F
Z 25	0	1	2	3	4	5	6	7	8	9	A	B	C	F

Error message list

1 Memory overflow or
system stack overflow
2 Syntax error
3 Mathematical error
4 Undefined line
number error
5 Argument error

6 Variable error
7 Nesting error
8 Password error
9 Option error

P1 1 VAC:GOTO #0

Simple monitor

P0 1 MODE 18(A,B):PRINT A:B::
INPUT C\$
2 IF C\$="+" :A=A+1:GOTO 1
3 IF C\$="-" :A=A-1:GOTO 1
4 B=VAL(C\$):IF B<0:MODE 19
(A,B):GOTO 1
5 A=INT -B:GOTO 1