

Index

INDEX

0.bat
1.bat

3-139,5-6
3-139,5-6

A

AC adapter 1-25,2-19
AC adapter jack 1-9,1-15
Alarm 1-4,3-40,3-233,3-244,A-3
ANSI.SYS 3-132,3-138
application ROM 1-22,3-5,3-8
application ROM installation 2-6
ASCII character set A-10
ASCII font 4-137
ASCII key matrix 3-81
ASCII key scan code 4-338
Assembler 5-5
Assembler debugging operation 5-21
Assembler development procedure 5-19
assembly procedure 2-1
Asynchronous RS board 1-13,1-19,4-287,5-3
Asynchronous RS board I/O 3-270,4-293
Asynchronous RS board installation 4-288
asynchronous RS-232C port I/O 3-270,4-293
attribute 3-166,4-121,4-151
Auto backlight off/on 3-41,3-215
Auto power-off 3-37,A-2
AUTOEXEC.BAT 3-135,3-137

B

bank ROM 3-11
barcode reader / LCD interface I/O 3-279
barcode reader access 3-226
Barcode reader interface 1-9,1-19,3-4,4-200
Barcode reader interface I/O 4-206
BARCODE.COM 4-205
Base Unit 1-5,3-1
battery 1-24,2-16,3-309,A-2
battery backup switch 1-9,2-3,2-11
BIOS 3-141,4-247
BIOS call chart 3-142,A-1
BIOS call power off 3-37
Blank cartridge1 4-90
Blank cartridge2 4-181
block devices 3-130,A-6

Boot type	1-3,2-22,3-141,A-3
Bootstrap	3-230
buzzer	1-19

C

C language	5-5
C language debugging operation	5-21
C language development procedure	5-19
cable set	5-4
Cartridge printer H	1-12,1-19,4-66
Cartridge printer H character set	4-86
Cartridge printer H control code	4-79
Cartridge printer H I/O	4-74
Cartridge printer H paper set	4-68
Cartridge1	1-19,3-130,3-188
Cartridge1 access	3-188
Cartridge1 circuit diagram	4-4
Cartridge1 device code	4-32
Cartridge1 installation	4-44
Cartridge1 interface	1-9,3-3,4-3
Cartridge1 interface I/O	3-282
Cartridge1 interface UART	4-34
Cartridge1 interrupt	3-45,3-240
Cartridge1 lock	1-9,2-11,4-45
Cartridge1 mode selection	4-9
Cartridge1 options	4-42
Cartridge2 circuit diagram	4-92
Cartridge2 interface	1-9,3-3,4-91
Cartridge2 options	4-91
CGA	4-118,4-150
Character code table	A-10
clock counter	3-231
Cold start	3-19,A-3
color CRT attribute	3-168,3-170,4-121
color palette	3-174
command processor	3-137
COMMAND.COM	3-6,3-128,3-137
communication	3-153,3-190
CONFIG.SYS	1-21,3-128,3-133,3-135,5-8
COUNTRY	3-135
CPU	1-8,1-19,3-1
CPU clock	3-214
CRT	1-19,4-148
CRT controller	4-118,4-150
CRT interface	4-144,4-171
CRT/FDD cartridge	1-12,4-147
CRT/FDD cartridge controll I/O	4-152
CRT/FDD cartridge installation	4-147

Current consumption	3-310
cursor position	3-163
cursor type	3-161

D

Danish key scan code	4-362
Data Bus (DB) mode	4-3, 4-24
date	3-232
DEBUG.COM	5-5, 5-21
development environment	5-1
Development tool control I/O	4-312
Development tool installation	4-309
Deveropment tool	4-308, 5-3
device	3-212, A-6
device driver	3-6, 3-128, 3-129, 3-132
device driver start sequence	A-4
difference between EPSON PCe and PX-16	A-28
difference between HC boot and PC boot	A-1
DIP switch	1-8, 2-12, 3-213, 4-176, 4-232, 4-336
DIP switch status I/O	3-300
disk access	3-180
disk BIOS	3-246
disk format	3-136, 4-176
disk I/O	3-180
disk parameter	3-238
Disk power save	3-42
Disk unit	1-6, 1-14, 2-32, 4-230
Disk unit I/O	3-303, 4-238
Disk unit installation procedure	4-232
display controller	4-119, 4-151
display device size	3-217
DMA controller	3-2
DMA controller I/O	3-260
DMA page register I/O	3-268
drive name	2-28, 4-176, 4-235, 4-433
drive support	2-28

E

EDLIN.COM	5-5
English key scan code	4-342
EPSON PCe compatibility	1-2, 1-3, 1-21, A-28
EPSONDOS.COM	3-6, 3-128, 3-136
equipment check	3-178
error message	2-25
European key matrix	3-82
expansible I/O	1-3

expansion device driver	3-132
expansion function	3-210
Expansion interface	1-9,3-3,4-271,A-8
Expansion interrupt controller I/O	3-290
expansion ROM	A-23
extended interrupt EOI	3-47
extended interrupts	3-45
external expansion board	A-8

F

FDD / floppy disk drive	1-19,2-32,3-130,3-181,4-174,4-230
FDD access	3-183
FDD controller	4-118,4-150
FDD interface	4-145,4-172
FDD preference	2-30,3-131
Filink mode	5-13
Finnish key scan code	4-366
floppy disk drive interface I/O	3-275
floppy disk format	2-33,3-136
FORMAT	2-34,3-185,3-187
French key scan code	4-346

G

gate arrays	3-3
German key scan code	4-350
graphic character	3-239
GW-BASIC	1-21,3-5,5-5
GW-BASIC debugging operation	5-17
GW-BASIC development procedure	5-15

H

Handshake (HS) mode	4-3,4-13
Hard disk BIOS	4-247
hardware configuration	1-18
hardware interrupts	3-43
HC boot	1-3,2-22,2-29,3-141,A-1
HDD / hard disk drive	1-19,3-130,4-230,4-236
HDD I/O	3-271
HDD logical format	4-236

I

I/O address list	3-250,4-2
------------------	-----------

I/O register	3-250
I/O register list	3-252
ICF	3-45, 3-242
Input/Output (IO) mode	4-3, 4-20
INTEL HEX file	5-25
interfaces	1-19, 4-1
international character set	2-26, 3-128, 4-336, 4-387, A-7
interrupt controller	3-49
interrupt controller I/O	3-262
interrupts	3-43
IPL	3-10, 3-17, 5-25, 5-26
Italian key scan code	4-354

230

J

jumper	1-8, 2-15
--------	-----------

K

Kana character set	A-12
Kana font	4-139
Kana key matrix	3-82
key definition	3-219
key matrix	3-81
key scan codes	3-84, 4-337
key scan/access	3-72, 3-204
keyboard	1-19, 3-152, 3-203
keyboard control	3-72, 4-331
keyboard control I/O	4-332
keyboard interface	1-9, 4-327
keyboard status transition	4-388
KEYBOARD.COM	3-135

L

Lattice C	5-5, 5-19
LCD controller	4-110, 4-118, 1-150
LCD40	1-6, 1-10, 1-19, 4-108
LCD40 attribute	3-171
LCD40 control I/O	4-111
LCD40 installation procedure	4-108
LCD40 VRAM	4-112
LCD80	1-5, 1-6, 1-10, 1-19, 4-115
LCD80 attribute	3-169, 3-170, 4-121
LCD80 font	4-137
LCD80 installation procedure	4-116
LCD80/2	4-115

LCD80/color CRT attribute	4-121
LCD80/color CRT control I/O	3-274, 4-125
LCD80/color CRT display mode	4-119
LCD80/color CRT VRAM	4-119
low battery	3-245

M

main battery	1-9, 1-24, 2-16, 3-90, 3-309
main battery installation	2-3
main RAM	1-22, 3-5
MDA	4-150, 4-151
memory	1-2, 1-22, 3-5, 3-179
memory access wait	3-7
memory map	1-23, 3-6
miscellaneous	3-200
monochrome CRT attribute	3-167
monochrome CRT control I/O	3-273
mother board	1-8, 3-1
MS-C	5-5, 5-19
MS-DOS	1-21, 3-128, A-3
multiple language	1-3, 2-26, 3-135, 3-203, 4-336

N

NMI	3-48
NMI mask register I/O	3-269
Norwegian key scan code	4-374
numeric keypad	4-390
numeric keypad scan code	4-391

O

one second	3-244
operating instruction	2-1
option device	3-212
optional cables	A-13
Output port (OT) mode	4-3, 4-29
OVF	3-45, 3-242

P

PC boot	1-3, 2-23, 3-141, A-1
PC compatibility	1-2, 1-3
peripheral I/O	3-265
power control	1-3, 3-247, A-2

power failure	3-35,3-89,3-245,A-2
Power indicator LED	1-8,3-308
power off	3-91,3-215
power off disable	3-38
power on status	3-214
power ON/OFF control	3-88,3-308
power supply	1-24,3-305
power supply control	3-88
power sw	3-245
Power switch	2-9
power switch off	3-35
power-on self-tests	3-29
print screen	3-150
printer	1-19,3-207
Printer interface	1-9,3-4,4-263
printer interface I/O	3-272,4-268
Printer power-off	3-41
PTL / PX-16 Terminal Link	5-1
PTL system configuration	5-2

R

RAM	1-19,3-2,3-5,3-6
RAM board	1-13,4-416,4-427
RAM board access I/O	4-423
RAM board installation	2-4,4-427
RAM board interface	1-9,2-4,4-416
RAM cartridge	3-136,4-57
RAM cartridge	4-61
RAM disk	1-19,1-22,2-31,3-5,3-6,3-12,3-130 3-181
RAM disk access	3-13,3-183
RAM disk bank window	3-13
RAM disk capacity	3-216,4-431
RAM disk format	3-13,3-136
RAM disk I/O	3-277,4-423
RAM preference	2-29,3-130
RAM refresh	4-432
RAM write protect I/O	3-296
real-time clock	3-87
recharging	1-24,2-20,3-90,3-310
reset	3-92
Reset switch	2-9
Resume start	3-25,A-3,A-24
Ring	1-4,3-40,3-45,3-215,3-243,A-3
ROM	1-8,1-19,3-1,3-5,3-6,3-8,5-24
ROM bank register I/O	3-297
ROM bank window	3-6
ROM BIOS	1-21,3-6,3-11,3-145

ROM cartridge	4-46
ROM cartridge I/O	4-52
ROM disk	2-31,3-10,3-130,3-181,5-24
ROM disk access	3-11,3-183
ROM disk capacity	3-216
ROM disk format	3-9,3-136,5-24,5-26
ROM DOS	1-3
ROM format	3-9
ROM socket	3-8
ROM switch	1-8,2-6,2-14,3-8
ROMFORM operation	5-27
ROMFORM.EXE	3-140,5-7,5-24
RS-232C interface	1-9,1-19,3-4,4-184,4-307,4-326
RS-232C interface I/O	4-188

S

sample programs	A-31
scan codes	3-84
Scandinavian character set	A-11
Scandinavian font	4-138
screen mode	3-160
scroll	3-165
serial port I/O	3-276
slave CPU	3-1,3-50
slave CPU commands	3-63
slave CPU interface I/O	3-57,3-59,3-298
slave CPU interrupt	3-45,3-60,3-240
Sound	3-216
Spanish key scan code	4-358
SPRITE	5-5,5-21
Standard keyboard	1-5,1-6,1-11,1-19,4-333
Standard keyboard installation	4-333
standard RAM	3-6
start operation	3-16,3-17
start type	3-17,A-3
sub battery	1-24,2-17,3-90,3-309
Swedish key scan code	4-370
Swiss (French) key scan code	4-378
Swiss (German) key scan code	4-382
switches	1-8
SYMDEB	5-5,5-21
System bus	1-9,3-4,4-212
System clock select switch	1-8,2-10,3-214
system configuration	1-5,1-16,3-211
system control	3-16
system information	3-210
System RAM	3-5

System reset switch	2-10
System ROM	1-20,3-5
system start	2-21
system termination	3-33
system valuables	3-6,3-94

T

Terminal mode	5-11
TERMINST operation	5-9
TERMINST.COM	3-140,5-7,5-8
TF-16	1-7,1-15,2-32,4-148,4-174
TF-16 installation procedure	4-175
time of day	3-231
timer hook	3-236
timer/counter	3-151,2-231
timer/counter I/O	3-263
Touch key interrupt	3-243
Touch keyboard	1-6,1-11,1-19,3-217,4-390,4-401
Touch keyboard attribute	3-172
Touch keyboard installation	4-402
Touch keyboard interface	4-393
Touch keyboard interface I/O	3-294,4-406
Touch keyboard key matrix	3-83,4-411
Touch keyboard scan code	4-391,4-411
Touch LCD	1-19,4-393,4-414
Touch panel	4-401

U

UART	3-2,3-45,3-223,4-185
UART I/O	3-284,4-188
Universal cartridge1	4-90
Universal cartridge2	4-182
Utilities	1-21

V

video I/O	3-156
video parameter	3-237
video RAM	3-5,3-6,4-112,4-119,4-151,4-414

W

Wake	1-4
Warm start	3-22,A-3

X

XKEY.COM
XTERM execution
XTERM.EXE

3-139,5-5
5-10
3-140,5-7,5-8