

TM717AP5F VER.B XT ALL-IN-ONE Main Board User Manual

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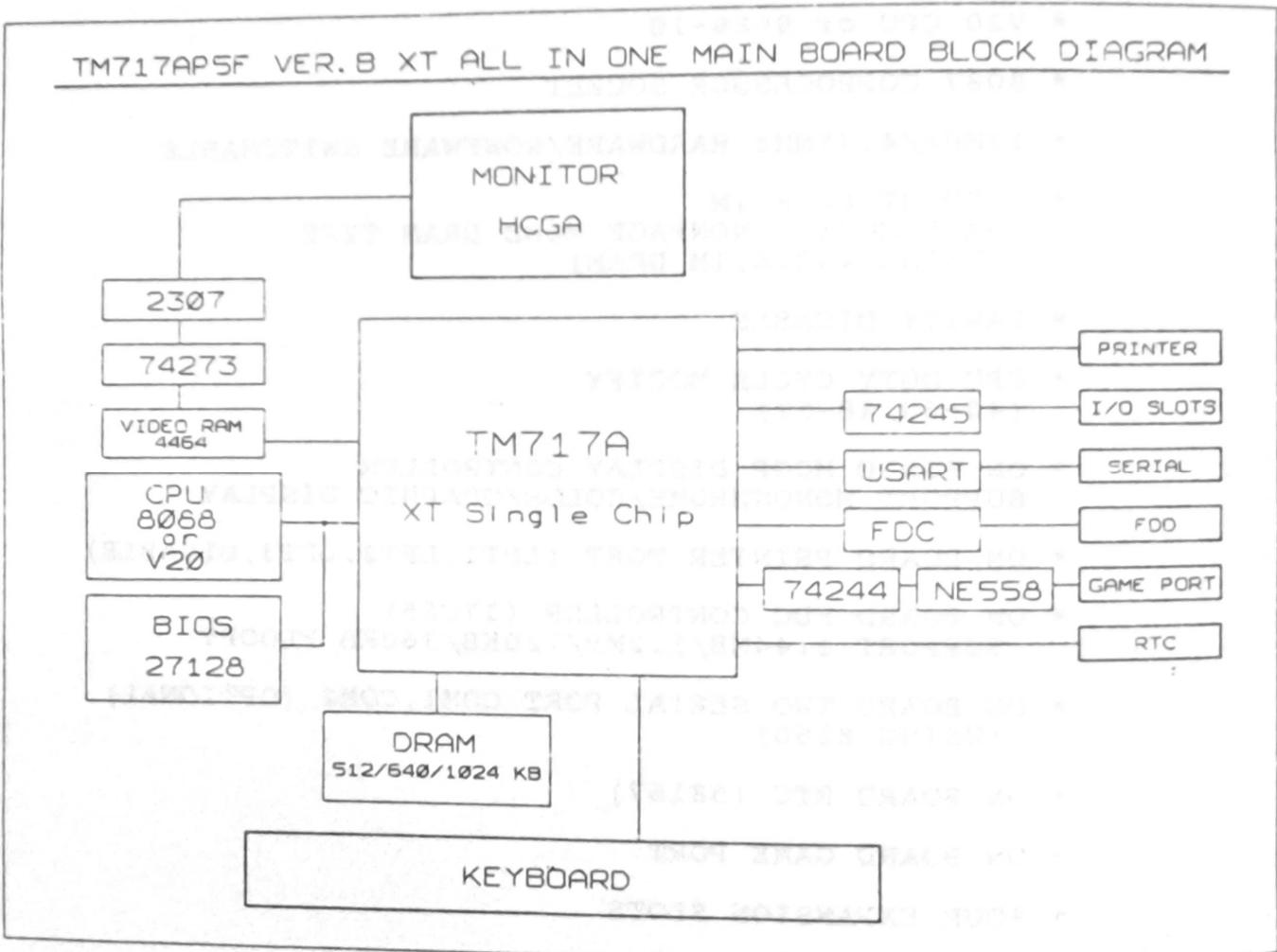
TM717AP5F VER.B XT ALL-IN-ONE Main Board User Manual

(1) Main Board Feature:

- * FULLY IBM PC/XT COMPATIBLE
- * TM717A XT-SINGLE CHIP (with MCGP)
- * V20 CPU or 8088-10
- * 8087 COPROCESSOR SOCKET
- * 12MHz/4.77MHz HARDWARE/SOWFWARE SWITCHABLE
- * SUPPORT 640K/1M
PAGE MODE / NONPAGE MODE DRAM TYPE
(USING 44256,1M DRAM)
- * PARITY DISABLE
- * CPU DUTY CYCLE MODIFY
(40-60/48-52)
- * ON BOARD MCGP DISPLAY CONTROLLER
SUPPORT MONOCHROME/COLOR/GRAPHIC DISPLAY
- * ON BOARD PRINTER PORT (LPT1, LPT2, LPT3, DISABLE)
- * ON BOARD FDC CONTROLLER (37C65)
SUPPORT 1.44MB/1.2MB/720KB/360KB FLOOPY
- * ON BOARD TWO SERIAL PORT COM1, COM2 (OPTIONAL)
(USING 8250)
- * ON BOARD RTC (58167)
- * ON BOARD GAME PORT
- * FOUR EXPANSION SLOTS
- * DIMENSION 225MM X 225MM

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TM717AP5F VER.B XT ALL IN ONE MAIN BOARD BLOCK DIAGRAM



(4) Main Board Jumpers Setting:

***JP1

* P1 DRAM SIZE SELECT

- SHORT : 1M DRAM (U15,U17,U19,U21,U16,U18,U20,U22)
- OPEN : 640K DRAM (U15,U17,U19,U21,U23) (default)
- OPEN : 512K DRAM (U15,U17,U19,U21)

* P2 DUTY CYCLE SELECT

- SHORT : DUTY CYCLE IS 40/60 (FOR OKI 80C88)
- OPEN : DUTY CYCLE IS 48/52 (FOR V20) (default)

* P3, P4 FLOOPY A TYPE SELECT

P3	P4	FUNCTION
SHORT	SHORT	1.44M
SHORT	OPEN	720K
OPEN	SHORT	1.2M (default)
OPEN	OPEN	360K

* P5, P6 FLOOPY B TYPE SELECT

P5	P6	FUNCTION
SHORT	SHORT	1.44M (default)
SHORT	OPEN	720K
OPEN	SHORT	1.2M
OPEN	OPEN	360K

* P7, P8 DISPLAY TYPE SELECT

P7	P8	FUNCTION
SHORT	SHORT	NON
SHORT	OPEN	80X25 COLOR DISPLAY
OPEN	SHORT	40X25 COLOR DISPLAY
OPEN	OPEN	MNONCHROME DISPLAY (default)

* P9 CO-PROCESSOR INSTALL SELECT

- SHORT : CO-PROCESSOR NOT INSTALL (default)
- OPEN : CO-PROCESSOR INSTALL

* P10 FLOOPY DRIVER SELECT

- SHORT : 2 FLOOPY DRIVERS (default)
- OPEN : 4 FLOOPY DRIVERS

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*** JP2

* PN1, PN2 PRINTER SELECT

PN1	PN2	FUNCTION
SHORT	SHORT	DISABLE PRINTER
SHORT	OPEN	LPT2
OPEN	SHORT	LPT1 (default)
OPEN	OPEN	LPT3

* PN3 AUTO-SWITCHING SELECT

- SHORT : AUTO-SWITCHING DISABLE
- OPEN : AUTO-SWITCHING ENABLE (default)

* PN4 CGA FONT SELECT

- SHORT : CGA 7X7 FONT
- OPEN : CGA 5X7 FONT (default)

* PN5 INTERNAL DISPLAY SELECT

- OPEN : INTERNAL DISPLAY DISABLE
- SHORT : INTERNAL DISPLAY ENABLE (default)

* PN6 AUTO-BLANKING SELECT

- SHORT : AUTO-BLANKING DISABLE (default)
- OPEN : AUTO-BLANKING ENABLE

(5) CONNECTOR DESCRIPTION

*** RESET SW

- SHORT : RESET
- OPEN : NORMAL

*** SPEED SW

- SHORT : LOW SPEED 4.77MHz
- OPEN : HIGH SPEED 12MHz (default)

*** POWER LED CONNECTOR

*** SPEAKER

*** STANDARD POWER DIN

*** FDC

*** KEYBOARD DIN

*** PRINTER PORT

*** CRT (VIDEO)

*** TWO SERIAL PORT (COM1, COM2)

*** GAME PORT

*** FOUR SLOTS