DESCRIPTION

YIS805 R1, R2, R3 SCHEMATIC CIRCUIT DIAGRAM

MSX · YAMAHA · YIS805

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KEYBOARD UNIT VC983400

CPU Circuit VC093000

SLOT Circuit V8225900

VIDEO UNIT VC9832000 VD73340

POWER SUPPLY UNIT V8657500

YIS805 R1: FDD 1 Unit
YIS805 R2, R3: FDD 2 Units

3.5 Inch Floppy Disk Drive

VC948100 VC948100

FDD A | FDD B or EFD-10

PINPOST P2 PINPOST P2

KEYBOARD

CASSETTE

JOY 2

JOY 1

PRINTER

BUS Buffers

CPU

YIS805 R1, R2

Reset Circuit

Keyboard Connector

MSX SYSTEM II

Address Bus

Data Bus

Control Bus

SLOT Select Signal Out

Secondary SLOT Select Signal In

A/V Control Out

Cassette Control Circuit

Cassette Data In

Cassette Data Out

Joy Port Circuit

Printer Control

Printer Data Out Circuit

Memory Mapper Address Data

DRAM Control Out

ROM Area

MAIN RAM CIRCUIT

Memory Mapper Circuit

Data Bus Direction Control Circuit

To SLOT Circuit

SIDE SLOT

EXPANSION SLOT

RS-232C BOARD

to Power Supply Unit

CARTRIDGE A

CARTRIDGE B

to CPU Circuit

VIDEO Circuit

VIDEO ENHANCER

VIDEO RAM 128KBYTES

64K Bytes

64K Bytes

Floppy Diskdriver Control Circuit

FDC

Data Separator

Memory Mapper Register

FCH ~ FFH

to FDD

to SLOT Circuit (CN905)

RCA
VIDEO (PJ202)
AUDIO (PJ201)

DIN8
GND
YS OUT
AV OUT
R
G
B
SYNC OUT
AUDIO

RGB

ONLY YIS805 R3

AC IN

DESIGNED BY: EUGENY BRYCHKOV
DATE: MAY 06, 2009
REVISED: SEPTEMBER 25, 2022

KEYBOARD	VC983400
POWER SUPPLY	V8657500
MOTHERBOARD	VC093000
VIDEO UNIT	VD73340
SLOT ASSY	V8225900

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REDRAWN, REVISED, CORRECTED

YIS805 R1, R2, R3
SCHEMATIC CIRCUIT DIAGRAM
REV 1.0

MSX, PERSONAL COMPUTER / ORDINATEUR PERSONNEL
~ AC: 110-240, 36W, 50/60HZ

SIZE: 1820x 1290mm
FSCM NO
DWG NO
SCALE: 1:1
SHEET: 1 OF 1