VIDEO MAIN SIGNAL PATH IN REC MODE
VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

Ⓟ :TO POWER TRANSFORMER SECTION
Ⓢ :TO SYSTEM CONTROL & SERVO SECTION
Ⓥ :TO LUMINANCE & CHROMINANCE/AUDIO SECTION
Ⓐ :TO Hi-Fi AUDIO SECTION
Ⓘ :TO INPUT/OUTPUT SECTION
Ⓣ :TO TIMER SECTION

TU7601
TUNER UNIT
ENG47316G1:A/B/E/F
ENG47317G1:C
ENG47318G1:D

Q1002 2SD602A (BUFFER)
Q1006 2SD601A (FIP ON/OFF CONTROL)
QR1001 UN2112 (FIP Ⓛ:ON)
Q1008 2SB710A (POWER SAVE:OFF)
Q1007 2SD1996 (12V REG.)
Q1202 2SD1996 (5V REG.)
Q1201 2SD1996 (5V REG.)
Q1005 2SD602A (5V REG.)
Q1003 2SD1996 (5V REG.)
Q1004 2SD1996 (5V REG.)
QR1002 UN2211 (SLEEP Ⓗ:OFF)
QR1201 UN2212 (POWER OFF Ⓗ:ON)
Q7601 2SB709A (AMP)
QR7601 UN2215 (MUTE)
QR7602 UN2113 (BUFFER)
QR7603 UN2215 (MUTE)
QR7604 UN2215 (MUTE)

IP1001 UNH000300A
IP1002 UNH001200A
IP1003 UNH000300A
IP1004 UNH000300A
IP1005 0

HEATER (-)
HEATER (+)
PS HEATER (+)
UNREG -29V
FIP -29V
CYL 14V
CAP 14V
FIP Ⓛ
SLEEP Ⓛ
UNREG 36V
UNREG 16V
UNREG 5.6V
POWER OFF Ⓗ
VIDEO 5V
REG 5V
PS 12V
PS 5V
BIAS 5V
N.SW 5V
GND
GND (FG)
GND (MOTOR)
GND (CYL)
TUNER AUDIO (R)
TUNER AUDIO (L)
AUDIO DEF Ⓗ
SYS IIC DATA
SYS IIC CLOCK
TUNER AUDIO (N)
TUNER VIDEO
AFC S-CURVE
VIDEO OUT
RFC AUDIO OUT

N.SW 5V
GND
DATA
CLOCK
PS 5V
VIDEO OUT
AUDIO OUT
BT
CLOCK
DATA
TUNER 5V
SW1
BTL 30V
IF OUT
IF IN

DU7601
PK0701-1 SIF/QPSK
PK0701-2 AFC S-CURVE
PK0701-3 TUNER VIDEO
PK0701-4 TUNER 5V
PK0701-5 GND
PK0701-6
PK0701-7
PK0701-8
PK0701-9
TO TV DEMODULATOR PACK PK0701(D-1)

PK7301
1 SIF/QPSK
2 GND
3 TUNER AUDIO (N)
4
5
6
7 TUNER 5V
TO DECODER PACK PK7301(F-1):A/B TO PK7302(D-2):A/B/E/F PK7301(D-1):C/D/E/F

PK7302
1 SYS IIC CLOCK
2 SYS IIC DATA
3
4 TUNER AUDIO (R)
5 GND
6 TUNER AUDIO (L)
TO DECODER PACK PK7302(D-2):A/B/E/F PK7301(D-1):C/D/E/F

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS,USE ONLY THE SAME TYPE.

NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.