


### 1. Important safety notice

Components identified by the sign  have special characteristics important for safety. When replacing any of these components. Use only the specified parts.

### 2. Do not use the part number shown on this drawing for ordering.

The correct part number and part value is shown in the parts list, and may be slightly different or amended since this drawing was prepared.


### 3. Use only original replacement parts:

To maintain original function and reliability of repaired units, use only original replacement parts which are listed with their part numbers in the parts list section of the service manual.

### 4. Parts different in shape or size may be used.

However, only interchangeable parts will be supplied as service replacement parts.

### 5. Test point information

 : Test point with no test pin.

## Schematic Diagram Notes

### 1. Indication for Zener Voltage of Zener Diodes

The Zener Voltage of Zener Diodes are indicated as such on Schematic Diagrams.

Example:

(6.2V).....Zener Voltage

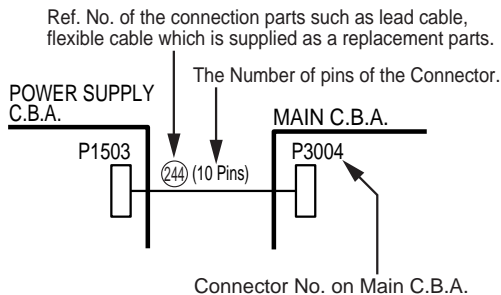
### 2. How to identify Connectors

Each connector is labeled with a Connector No. and Pin No. Indicating what it is connected to, in other words, its counter part.

Use the interconnection schematic diagram to find the connection between associated connectors.

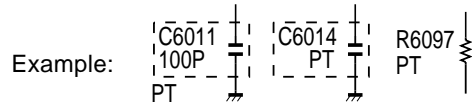
Example:

The connections between C.B.A.s are shown below.



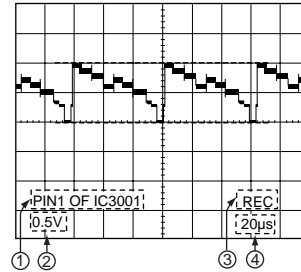
**NV-DS29EG/NV-DS29EGM/NV-DS29B/NV-DS29EGE/NV-DS30EG/NV-DS30EGM/NV-DS30B/NV-DS30EGE/  
NV-DS30EN/NV-DS30ENT/NV-DS30ENC/NV-DS30A/NV-DS50EN/NV-DS50ENT/NV-DS50A**

### 3. Parts marked "PT" are not used in any models included in this service model.



## Signal Waveform Note

How to read Signal Waveform



- ① Connecting Point
- ② Volts/Div
- ③ Operation Mode of VCR
- ④ Time/Div
- ⑤ Waveform Point on Schematic

## Voltage Chart Note

Voltage Measurement

a. Color bar signal in SP mode.

b. ---: Unmeasurable or not necessary to measure.

## Circuit Board Layout Note

Circuit Board Layout shows components installed for various models.

For proper parts content for the model you are servicing, please refer to the schematic diagram and parts list.

NOTE:

Circuit Board Layout includes components which are not used.

## Model No. Identification Mark

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK	MODEL	MARK
NV-DS29EG	A	NV-DS30EN	I
NV-DS20EGM	B	NV-DS30ENT	J
NV-DS29B	C	NV-DS30ENC	K
NV-DS29EGE	D	NV-DS30A	L
NV-DS30EG	E	NV-DS50EN	M
NV-DS30EGM	F	NV-DS50ENT	N
NV-DS30B	G	NV-DS50A	O
NV-DS30EGE	H	Not Used	PT

Note : Refer to item 3 of Schematic Diagram Notes for mark "PT".