SCHEMATIC DIAGRAM OF MC-022A [PANG PANG +]

<Q20 CONTROL PWB ASSY>

SIDE A/V BOARD

6870VS1020A

<PIP PWB ASSY>

CPT/VM

<OPTION>

NOTICE

Since this is basic circuit diagram, the value of components and some partial connection are subject to be changed for improvement without notice.

The components marked ⚠ conform to VDE or IEC guide-lines and are essential for safe operation of the TV receiver, while those marked ⚠ are required for correct operation. Use specified parts only when replacing.

Value of resistor, capacitor and inductor

1. Resistances are shown in ohm. K=1,000 M=1,000,000.
2. Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in mfd and the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values more than 1 are expressed in uH and the values less than 1 in mH(m).

Observation of voltages and waveforms

1. Voltages read with VTVM from point to chassis ground. line voltage is 230V-20% volts. signal pattern is colour-bar.
2. The schematic shown is representative only.
3. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
4. Check FINE TUNING AGC, CONTRAST, BRIGHTNESS and COLOUR controls for best picture. make sure that COLOUR and BRIGHTNESS are in mid-point and CONTRAST is in 70%.
5. Waveforms are taken using a standard colour signal.

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