

NJRC's Wide Band Video IC featuring the NJW132x series

NJR
NEWS

2006 61

March 3, 2006

NJW1320/21

NJRC Wide Band Video IC series

This newsletter talks about NJRC'S Wide Band Video IC NJW132x series.

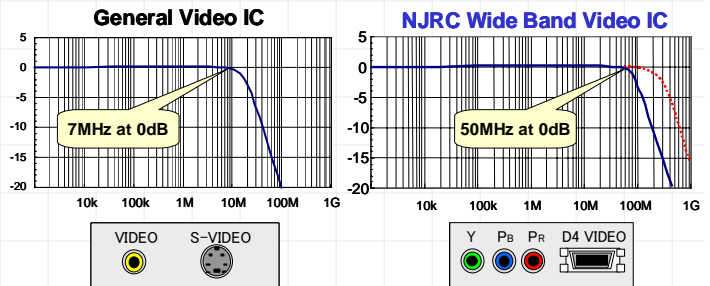
FEATURES

- Operating Voltage: 9.0V
- Input/Output Type:
 - 4-input 3-output 3-circuits (NJW1320)
 - 4-input 2-output 3-circuits (NJW1321)
- Wide Frequency Range:
 - 0dB at 50MHz Typ. (NJW1320)
 - 0dB at 100MHz Typ. (NJW1321)
- Internal 6dB amplifier
(Selectable Bypass or 6dB Amp)
- Selectable Slave Address
- Power Save Circuit
- I²C BUS Control
- Bi-CMOS Technology
- Package: QFP48

APPLICATIONS

For Digital TV, HDTV,
High Quality AV Systems

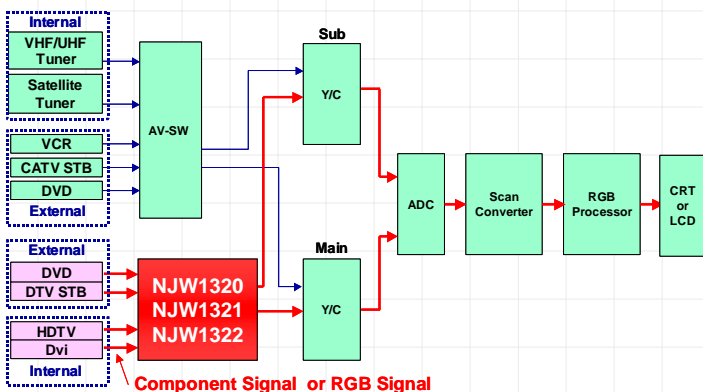
FREQUENCY RESPONSE EXAMPLE



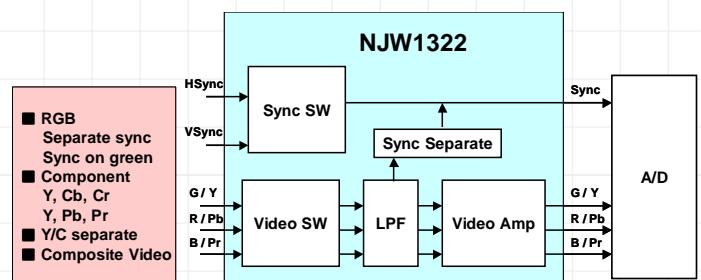
The necessary frequency band (typ.) of each image format.

- 480i : 6MHz
- 480p : 13.5MHz
- 1080i : 40MHz
- 720p : 40MHz
- 1080p : 80MHz

APPLICATION BLOCK DIAGRAM



APPLICATION BLOCK DIAGRAM for HDTV



Caution: NJW1322 is future product.

JRC NJR CORPORATION
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