



RF SOLUTIONS

FQDI200 MK5

Hybrid analog/digital video module

The FQDI200 MK5 is a new family of highly-featured hybrid front-ends, that enable reception of analog and digital TV signals with one single hybrid module. They are designed to meet a wide range of RF applications in the environment of PC TV, Home Entertainment Center PC, set-top boxes and LCD TV.



PHILIPS

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Features:

- Analog
 - Multistandard front-end for CCIR B/G, D/K, I and L/L' (FQDI216ME)
 - NTSC M/N (FQDI236), NTSC M, Japan (FQDI286)
- Digital
 - DVB-T support with AGC controlled IF output (FQDI216ME)
 - ATSC/QAM or ISDB-T supports
- Full frequency range
- True 5V device (low power dissipation)
- Programmable PLL step size
- PLL controlled tuning with crystal accuracy
- True synchronous vision IF demodulation for low distortion
- Quasi Split Sound concept for best sound quality
- I²C-bus control of tuning, address selection, AFC status information
- CVBS/AF-MPX and 2nd sound IF output
- Power up for antenna
- Switchable 7/8 MHz saw filter for DVB-T
- Digital IF saw filtered output with IF amplifier
- RF input with WBA fulfills Open Cable™ return loss requirement
- Low noise and excellent linearity

Size

- 70mm x 39mm x 12mm

Option

- Vertical or horizontal mounting
- Active splitter output (RF loopthrough)



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