

RF SOLUTIONS

FQD1200 MK5

Hybrid analog/digital video module

The FQD1200 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.





FQD1200 MK5

Hybrid analog/digital video module

Features:

Analog
Multistandard front-end for CCIR B/G, D/K, I and L/L' (FQD1216ME)

- NTSC M/N (FQD1236), NTSC M, Japan (FQD1286)

Digital - DVB-T support with AGC controlled IF output (FQD1216ME)

- 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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