



RF SOLUTIONS

FM/FQ1200 MK3 family

DESKTOP VIDEO and FM RADIO MODULES

Personal Computer or Personal TV?

With our new FM/FQ1200 MK3 modules mounted on the PCTV cards, it can turn your boring PC into your personal TV or Entertainment Centre.

The FM1216ME MK3 combined a multistandard front-end and FM radio function in a small compact housing.

Philips has a wide range of modules suitable for every TV system in the world. We can also cover Eastern European and Japan FM radio bands. With its small form factor and low power requirement, the FM/FQ1200 MK3 family ensures quick design-in and industry-leading performance.



PHILIPS

FM/FQ I200 MK3 family

Desktop video and FM radio modules

Features:

- Single and Multi-Standard TV systems with and without FM radio broadcast reception
- Quasi-Split Sound concept
- True 5V device (low power dissipation)
- Full frequency range
- FM band coverage
- PLL controlled tuning
- Programmable PLL step size (31.25 / 50 kHz or 62.5 kHz)
- True-synchronous vision IF demodulator (PLL)
- Ultra linear FM PLL demodulator for FM radio broadcast
- Demodulated video output, AF sound output, second IF sound output
- I²C-bus control of tuning, address selection, AFC status information
- Complies with FCC, JIS, CE, BETS-7 (Canada) and CISPR regulations
- Miniaturised 70 mm metal housing

Size

- 70 x 39 x 13mm



Options

- IEC / F-Connector / Phono
- TV only (FQ I200) / TV and FM radio (FM I200)
- Horizontal / Vertical Mounting
- Multi PAL / NTSC-M / NTSC-J / NTSC + PAL BG
- Passive / active loop through
- Low Noise Amplifier

	BAND	FREQUENCY (MHz)					
USA	Low Band	55.25 to 157.25 MHz	[Bar chart showing frequency range from 55.25 to 157.25 MHz]				
	Mid band	163.25 to 445.25 MHz	[Bar chart showing frequency range from 163.25 to 445.25 MHz]				
	High band	445.25 to 801.25 MHz	[Bar chart showing frequency range from 445.25 to 801.25 MHz]				
EUROPE	Low Band	48.25 to 154.25 MHz	[Bar chart showing frequency range from 48.25 to 154.25 MHz]				
	Mid band	161.25 to 439.25 MHz	[Bar chart showing frequency range from 161.25 to 439.25 MHz]				
	High band	447.25 to 863.25 MHz	[Bar chart showing frequency range from 447.25 to 863.25 MHz]				
			0	200	400	600	800 MHz

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