



RF SOLUTIONS

FQ1200 MK5 Family

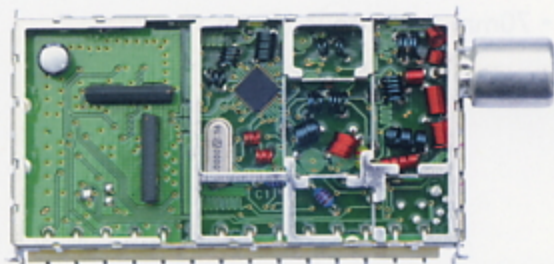
ENVIRONMENTAL-FRIENDLY HIGH PERFORMANCE FRONT-END MODULE

The FQ1200 MK5 is a successor to the well-known MK3 family. It offers multi-standard TV systems coverage, with emphasis on higher performance for PC TV, LCD/Plasma TV applications.

Boasting a best-in-class noise figure of less than 5 dB throughout the frequency range, and with improved selectivity, the FQ1200 MK5 family is the logical choice where ultra-high performance in a small size is needed in high end LCD and Flat TV systems.

The FQ1200 MK5 family is identical in footprint to the FQ1200 MK3 series, ensuring a quick drop-in replacement.

In line with global environmental requirements, the FQ1200 MK5 family are totally lead-free products.



PHILIPS

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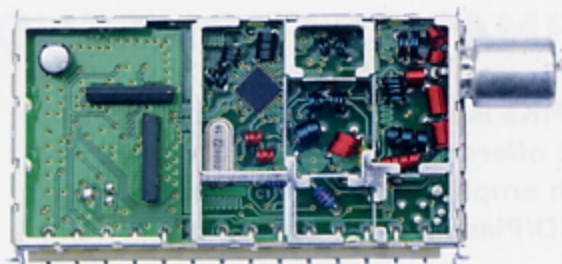
ENVIRONMENTAL-FRIENDLY HIGH PERFORMANCE FRONT-END MODULE

Features:

- Multi-standard front-end for CCIR B/G, D/K,I and L/L' (FQ1216ME and FQ1218ME)
- Video module for NTSC M/N systems (FQ1236, FQ1238 and FQ1288)
- Single 5V supply with integrated DC-DC converter for tuning voltage supply
- Excellent Noise Figure performance (typically less than 4.8 dB for FQ1218ME, FQ1238 and FQ1288)
- Full frequency coverage from Ch E2 to E69
- PLL controlled tuning with crystal accuracy
- Programmable PLL step size
- True synchronous vision IF demodulation for low distortion
- Quasi-Split Sound concept for best sound quality
- I²C control of tuning, and AFC read status
- Minimal adaptation to existing software
- CVBS/AF-MPX and 2nd IF sound output
- Complies with EN55020 /55013 (FQ1216ME) and FCC requirements (FQ1236)
- Small horizontal and vertical form factor (about 10% volume reduction compared to MK3 family)
- Application test kit available

Size

- 70mm x 39mm x 12mm



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Issue: April 2004