

Mirics FlexiTV™

Mirics FlexiTV is a multi-standard broadcast TV receiver for personal computer and portable processor-based devices. Using a system's existing processor for demodulation, any analog or digital TV and radio standard can be received, resulting in a highly optimized multi-standard receiver platform at the lowest possible cost. This allows maximum standards flexibility, and a single hardware design for worldwide terrestrial TV and radio reception. FlexiTV supports both standard- and high-definition TV for ultimate user experience. FlexiTV utilizes Mirics' RF front-end with digital output interface devices, such as the MSi3101 RF-to-USB solution.

KEY FEATURES

Flexible software demodulation

- Eliminates hardware demodulator IC
- Global TV reception, regionalised by software
- Supports key TV and radio standards
- Software upgradeable for future standards

Standards compliance at low power

- 325mW for NorDig 2.0 performance (includes power used by USB interface)

Global Broadcast Reception

- Single platform for worldwide deployment
- Can support all key broadcast standards, including:
ATSC, ATSC-M/H, CMMB, DAB, DTTB, DVB-C, DVB-S, DVB-T, FM, GPS, HD Radio, ISDB-T, ISDB-T OneSeg, NTSC, PAL, T-DMB

Standard interface to viewer application

- Supports Microsoft BDA architecture
- Compatible with standard media players from Microsoft, Cyberlink etc

Small Footprint

- Multi-standard receiver occupies <200mm²

APPLICATIONS

Notebook and Desktop PCs

Netbook PCs

Graphics cards

Portable consumer devices

KEY BENEFITS

Lowest cost broadcast receiver

- Total PC TV receiver BoM less than US\$5

Single receiver for worldwide shipment

- Simplifies logistics for OEM/ODM
- Greater economy of scale - universal receiver for the cost of a single-region solution

Superior TV experience

- Watch feature-length movies
- Compatible with standard- and high-definition
- Use all features of advanced PC TV applications such as view, record, live pause etc

Portable multi-region TV

- User can receive broadcast TV content regardless of location

