



### Key Features

- SDR architecture based receiver 500 MHz - 6 GHz(Refer the receiver, bit sync,PCM decom data sheets for detailed specifications). Refer Fig.2 for architecture level details.
- Mode selection to configure the product for any telemetry application (receiver, bit sync., PCM decom., BSS).
- User friendly GUI with 1Gbps based Ethernet configuration and data handling

### Architecture & Product description

UTS offered Portable Telemetry Receiver (PTR) is 2-channel telemetry solution, which meets most of the telemetry applications. This product includes two parallel telemetry receiver modules with analog and digital demodulators, Bit synchronizers, Line Decoders and PCM De-Commutator modules. User can configure the individual modules through the front end GUI provided by UTS.

Figure 1. gives high level block diagram of portable telemetry receiver, user can enable/disable individual modules by which user can configure required telemetry functionality.

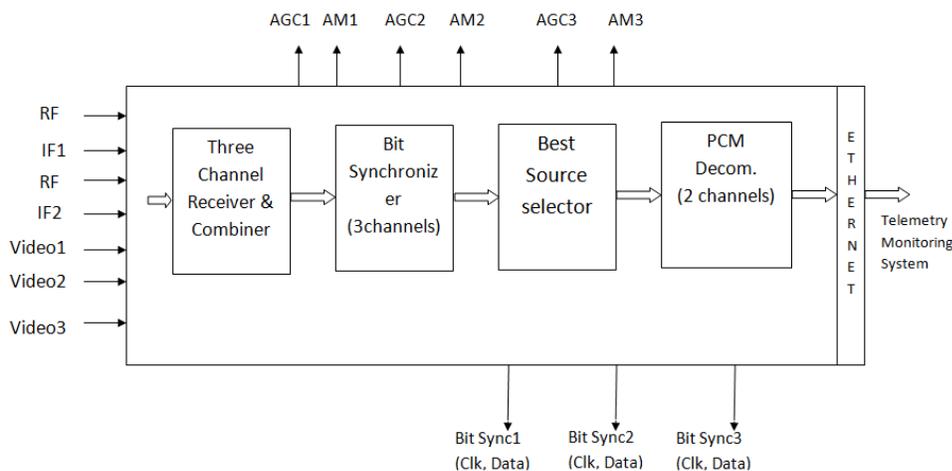


Fig 1. High level Portable Telemetry Receiver Block Diagram

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## Portable Multimode Telemetry Receiver

Most of the present day telemetry applications require capability to handle telemetry data in different formats. The variants of IRIG 106 are popular across the industry. The UTS offered Portable Multi-mode telemetry receiver is capable of handling both legacy PCM-FM to modern digital waveforms. The unit provides multi channel solution for telemetry receiver modulators, bit synchronizers, Line decoders and PCM commutators. The product is based on SDR architecture leading to small size and reduced power dissipation.

### Ordering Information

P/N: UTS-TMSE\_PTR\_01

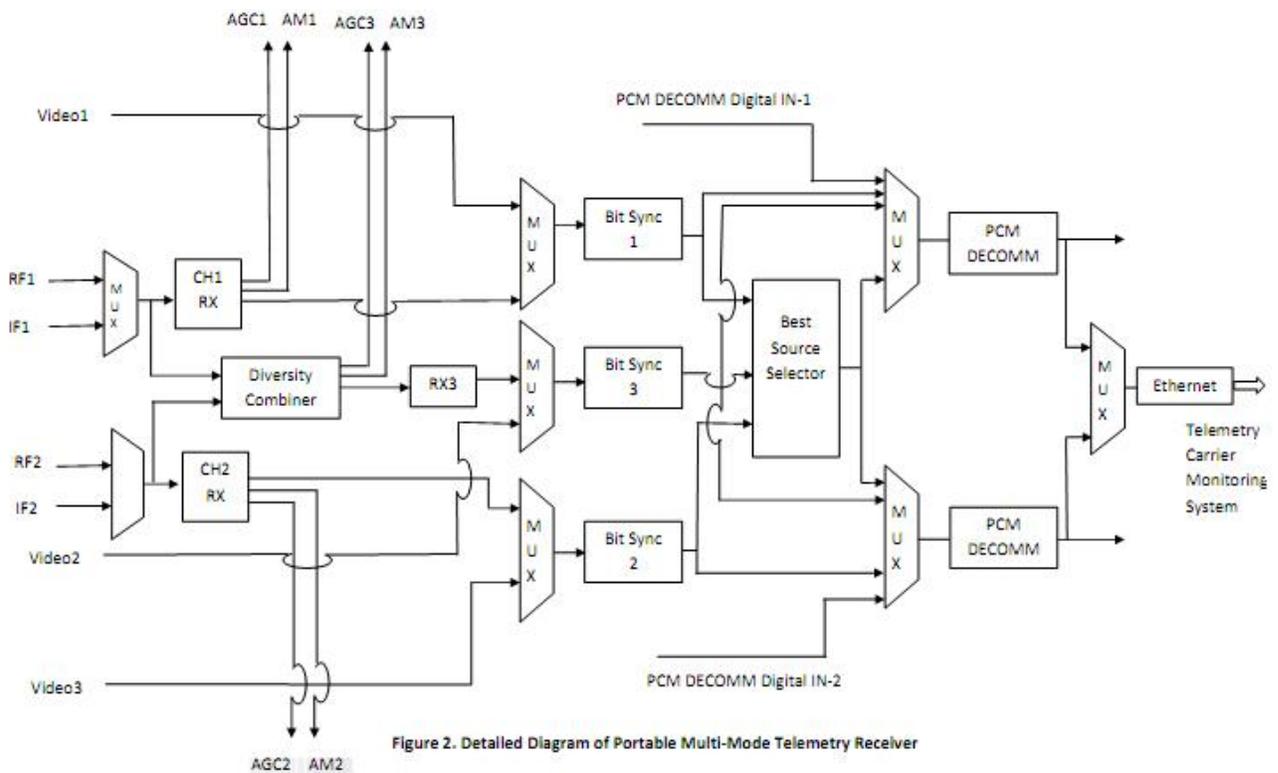
Contact us with your specifications for obtaining quote specific to your requirements.

### Other Related products

- Telemetry signal Simulator
- PCM Simulator
- Telemetry IPs and tools

### Applications

- Telemetry tracking Receiver
- Missile telemetry
- ESM/ELINT



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