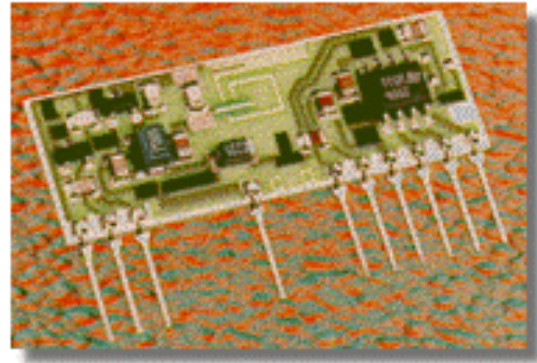


FEATURES

- Compact hybrid module
- Very high frequency stability (with no adjustable components)
- Receiving range of up to 45 metres
- CMOS/TTL compatible output
- Single supply voltage 5V
- Low current consumption 2.5mA
- Patented laser trimmed inductor
- Standard frequencies available
- Complies with ETSI 300-220



DESCRIPTION

The RX7433 AM receiver module is a compact hybrid RF receiver that can also be used to capture undecoded data from any AM transmitter such as the TX7433 AM transmitter. This module shows a very high frequency stability over a wide operating temperature even when subjected to mechanical vibrations or manual handling.

A unique laser trimming process gives a highly accurate circuit inductor, removing the need for any adjustable components as found on most other regenerative receivers.

The receiver is pin compatible providing a CMOS/TTL output. It requires connections to power and antenna only. The module conforms to ETSI 300-220.

ELECTRICAL CHARACTERISTICS	MIN	TYPICAL	MAX	DIMENSION
Supply Voltage	4.5	5	5.5	V
Supply Current		2.5	3	mA
Time from Power ON to valid output signal		1.2		Secs
RF Sensitivity 100% AM	-100	-105		dBm
-3dB Bandwidth		+/-2	+/-3	MHz

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