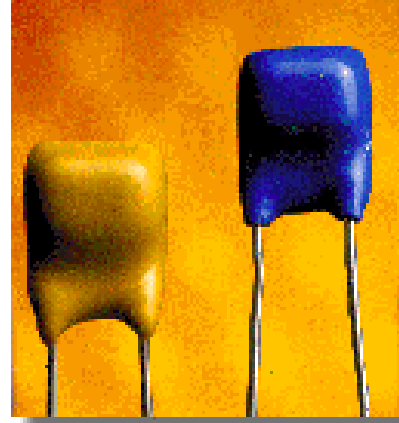


## FEATURES

- Miniature hybrid module
- Saw controlled frequency stability
- No adjustable components
- Transmitting range of up to 100 metres
- CMOS/TTL compatible input
- Current consumption 2.5mA (typ)
- Single supply voltage
- Compatible with AM receiver
- MPT1340 licence exempt



## DESCRIPTION

The TX7433 AM Transmitter module offers a miniature hybrid modular RF transmitter which can be used to transmit data from any standard CMOS/TTL source up to 1200 baud.

The module is very simple to operate only requiring two connections. The module is very efficient only using 2.3mA (typ) which means that it may be driven directly from an encoder I/C or microcontroller. The output impedance has been designed to give optimum performance when coupled with a very small antenna such as a tuned loop or short whip.

The modules are compatible with the RX7433 AM receiver module.

ELECTRICAL CHARACTERISTICS	MIN	TYPICAL	MAX	DIMENSION
Supply Voltage	3		12	V
Module Voltage (@ max drive)		3.0		V
Module Voltage (@ min drive)		2.2		V
Drive Current (@ max drive)		4.6		mA
Drive Current (@ min drive)		3.0		mA
Supply Current		3	4.6	mA
Data Throughput			1200	Baud
Tuning Tolerance		+/- 75		KHz
Radiated Power (ERP) (@ max drive V)		-6.0		dBm
Modulation		ON-OFF		
Modulation Pulse Width	0.8			mSecs

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