

# GENERAL PURPOSE NARROW BAND FM TRANSMITTERS

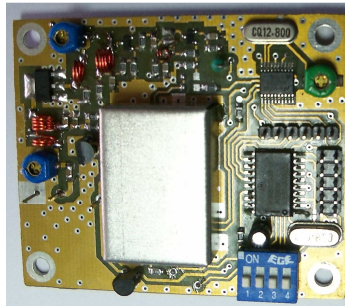
## TX250NB – RX350NB – RX450NB

This series of transmitters are general purpose modules for narrow FM modulation.

The most common uses are wireless remote control, FM repeaters, security.

Support up to 8 user programmable channels from a PC using a standard communications program via an RS232 interface and a TTL level converter.

Channel selection is made by dip switch.



**TX250NB, 350NB  
& 450NB**

### TECHNICAL SPECIFICATIONS TX250NB - TX350NB – TX450NB

#### GENERAL

Frequency programming	PC with communication program.
Frequency selection	Dip switches, 8 channels.
Frequency stability	$\pm 5$ ppm, 0 °C to +40 °C.
Deviation	$\pm 5$ KHz @ 100 % modulation.
Input level	1.0 Vef @ 1 KHz, 3 .5 KHz dev.
Frequency response	20 Hz / 10 KHz @ - 3 dB
Output power	1 W typical.
Antenna	50 Ohms unbal.
Power request	12.0 Vcc to 14.0 Vcc, 0.3 A typical.
Dimensions	56 X 66 mm.

#### TRANSMITTER

	<b>TX250NB</b>	<b>TX350NB</b>	<b>TX450NB</b>
Frequency range	200 to 300 Mhz in 25 Mhz steps.	300 to 400 Mhz in 25 Mhz steps.	400 to 500 Mhz in 25 Mhz steps.
Sensibility	> 0.25 uV @ 12 dB Sinad, 3.5 KHz deviation typical.	> 0.30 uV @ 12 dB Sinad, 3.5 KHz deviation typical.	> 0.35 uV @ 12 dB Sinad, 3.5 KHz deviation typical.
Spurious emissions	> 55 dB.	> 50 dB.	> 50 dB.



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Specifications may change without notice.