

How do you extract the info from an RF Rx module (like garage door opener) ?

How do you extract the info from an RF Rx module (like garage door opener) ?

Source: <http://coding.derkeiler.com/Archive/General/comp.arch.embedded/2006-10/msg00162.html>

- *From:* "Rodo" <dsp1024@xxxxxxxxxx>
 - *Date:* Tue, 03 Oct 2006 03:16:54 GMT
-

Hi all,

I've been experimenting with receiver circuits and I'm missing something. The LC receiver I have (one of Ming's) and the Microchip (433.92 MHz, rfRXD0420) seem to have noise at the output when they're not receiving a signal. I see the signal (on a scope) when I press a button in the respectively transmitter. But if I have this signal apply to the input of a micro, it looks like I'm going to decode something (wrong) all the time because of the noise. Shouldn't the output pin be low until the pulses are demodulated by the receiver ? So that a high or low transition could be used to trigger an IRQ and decode the signal ? As I said before... it looks like I'm missing something in between the RX module and the MPU.

Could someone shed some light into my information gap please ?

Thanks