

## **Technical Description for the 434MHz transmitter, model: Cinetension**

The EUT was powered on when press the function key up or stop or down and active the Pin P51 or P52 or P53 of U4 (EM78P153S), MCU, then U4 encoded the data based on the relevant active pin, and past to U1 via the connector SDI, SCK and NSEL, U1 (HC02), the FSK transmitter. The encoded data stream modulated 434MHz carrier frequency by direct closed-loop modulation with bit rates up to 115.2 kbps via the integrated PLL synthesizer, the carrier frequency was amplified by the built-in Power amplifier, and then emitted via the integral antenna.

The Specification of HC02 Universal ISM Band FSK transmitter was attached with the file name hc02.dpf.