

# SP41P02

1. RF 13.56MHz or 125KHz carrier frequency
2. ASK modulation with Manchester encode data
3. Reader provide energy to Tag in the Charge phase only
4. Measure charge time in three channels (A0, A1 and B1) for one reference sensor (Rref ) and two measurement sensors (Rs and Rse)
5. Built-in 12 bits Counter and overflow flags for measure charge times
6. Built-in 8 bits CRC8-CCITT encode for checking data transmission to Reader
7. Built-in 4 bits encryption data for measurement data Rref, Rs, Rse and overflow flags
8. Built-in 64 bits OTP ROM that have 6 bits data transmission format configuration setting
9. and 16/32/48 bits ID codes definition
10. The OTP ROM 1-bit to Read and Programming operation in VERIFY pad setting to HIGH
11. Repeat the four periods (Reset, Configure, Measure and Transmit period) in basic operation
12. The LED light in the Reader providing energy to Tag