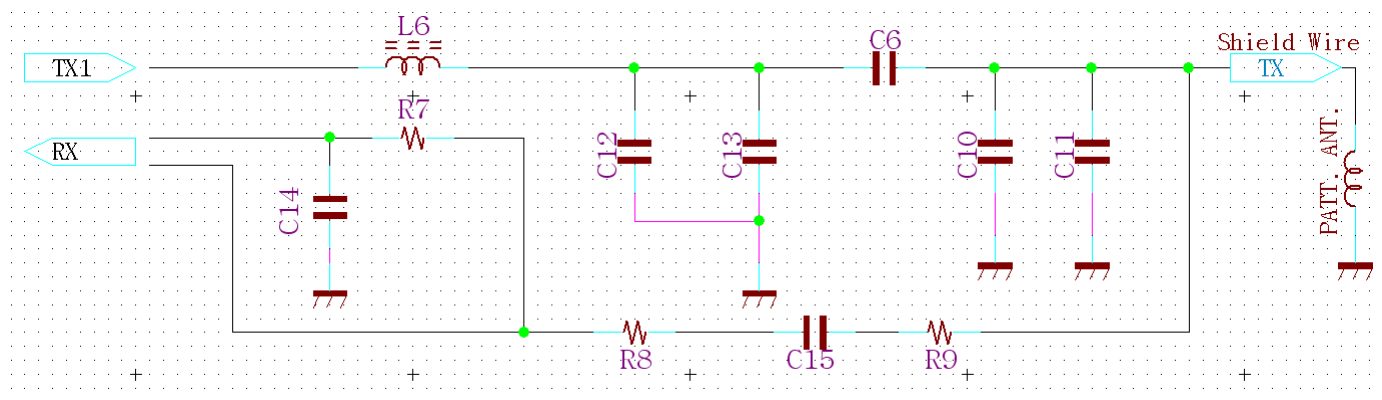


Model	MI-6300S	MI-6300S Circuit description	작성	검토	확인
Date	2013.03.26		김동욱		
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1. RF-ID Reader Chip emits Carrier Frequency (13.56Mhz) for 5msec repeatedly every 0.8 seconds through EMC Filter (L6, C12, C13), Matching Block(C6, C10, C11) and Pattern Antenna.
2. At this moment, RF-ID Reader Chip (TRH-031M-S) proceed AM modulation for Request Commend (Commend of ISO1444A) to Carrier Frequency (13.56Mhz) and send to Card.
3. In this status, if card is located near to the circuit, circuit receive the Request Command and transfer the information of card to Reader Chip through R9, C15, R8 & C14 by Carrier Frequency (13.56Mhz) which was transferred by Reader Chip (TRH-031M-S).
4. Once the received information is correct, Reader Chip (TRH-031M-S) indicate Card approaching to MCU.
5. Then, MCU (PIC16F1519) send ISO1444A Command through Reader Chip so as to read the information of card and certify it.

- 기술 연구 소 -