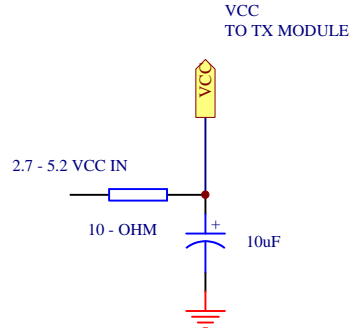
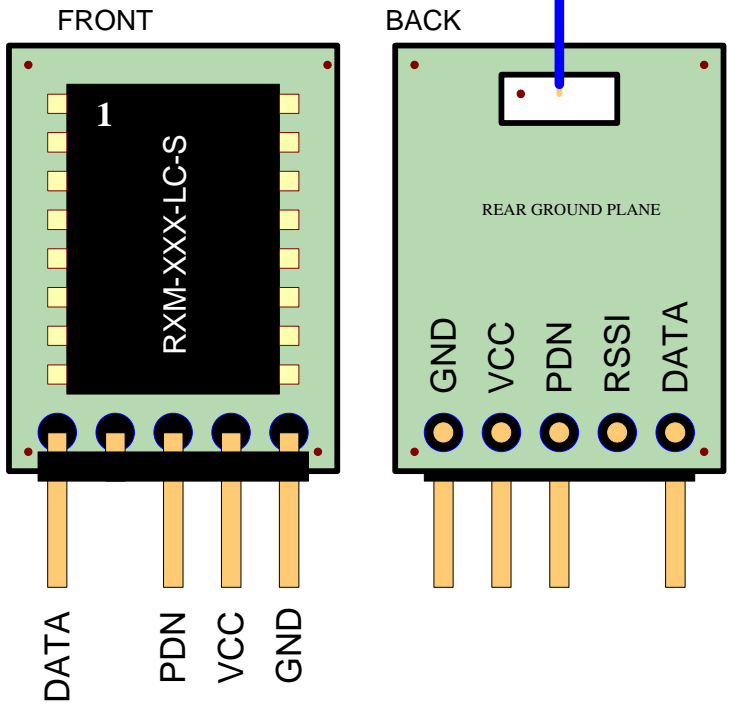
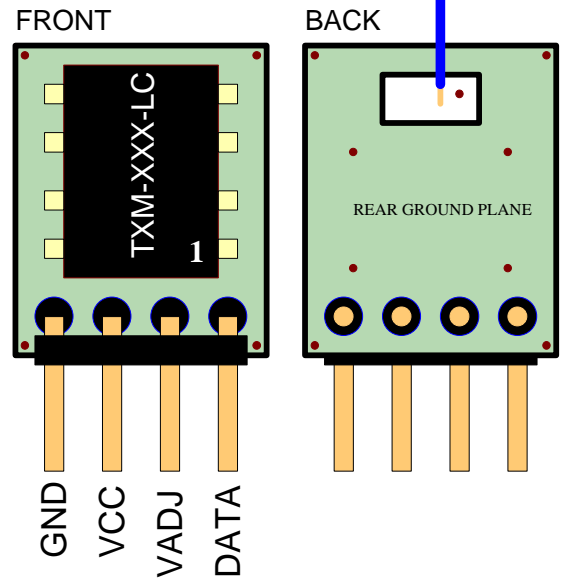


ANTENNA LENGTH:  
 433MHz 1/4 WAVE = 6.5" | 315MHz 8.9" | 418MHz 6.7"

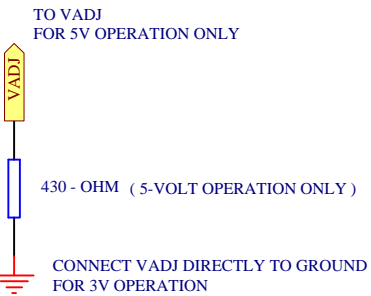
FOR TXLC/RXLC 418 / 433 / 315

SOLDER ANTENNA TO PAD

SOLDER ANTENNA TO PAD

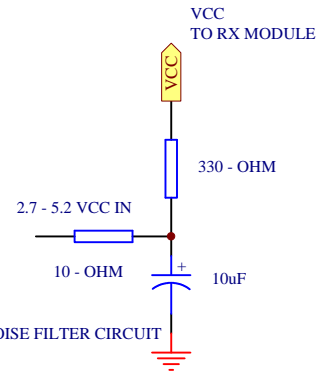


TRANSMITTER POWER SUPPLY NOISE FILTER CIRCUIT



PDN IS LOW POWER OR POWER-DOWN SELECT PIN  
 PDN = 0 LOW-POWER [SLEEP MODE]  
 PDN = 1 [OR FLOAT], NORMAL POWER MODE

\* NOTE:  
 RSSI IS AVAILABLE ONLY ON THE NEW RXLC-XXX-LR-S MODULE  
 THIS PIN IS CLIPPED ON THE RXLC-XXX-LC MODULES



RECEIVER POWER SUPPLY NOISE FILTER CIRCUIT

**NOTE:**  
 NOISE FILTER CIRCUITS NOT NECESSARY WHEN USING BATTERIES  
 POWER SUPPLY MUST BE CLEAN (< 20 mV pp ), AND FREE OF  
 HIGH-FREQUENCY NOISE.

WHEN IN DOUBT, USE BOTH NOISE FILTER CIRCUITS  
 FOR OPTIMUM OPERATION & OPERATING DISTANCE

REMOVE 330 - OHM RESISTOR FOR 3 - 4.2 VDC OPERATION  
 REQUIRED ONLY FOR OPERATION AT 4.7V - 5.2 VDC

Reynolds Electronics  
 3101 Eastridge Lane  
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<http://www.rentron.com>

Title TXLC-434 / RXLC-434		
Size Orcad A	Number 1.0	Revision A
Date: 23-Feb-2006	Sheet 1 of 1	
File: C:\CAD\SCHEMATICS.Ddb	Drawn By: B. REYNOLDS	