Revision History/ Project Log

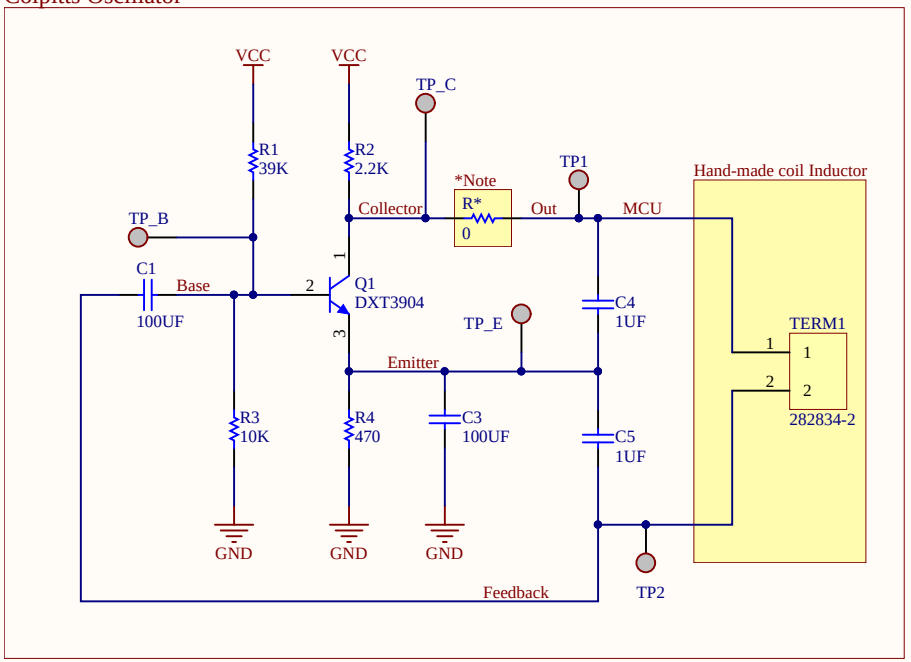
REV	COMMENTS	DATE	INITIALS
1.0	First pass of the schematic has been completed. Placement of the components has been completed. All passive component footprints are 0805(M). Top pour is GND, bottom pour is VCC.	2018-JAN-27	NAS
1.0	Still need to complete the MCU subsection and connections back to the PC.	2018-JAN-28	NAS
1.0	Schematic finished, PCB layout & routing finished. All components selected. Generating all outputs, including BOM and gettings quotes started for FAB.	2018-FEB-03	NAS

Schematic Documents

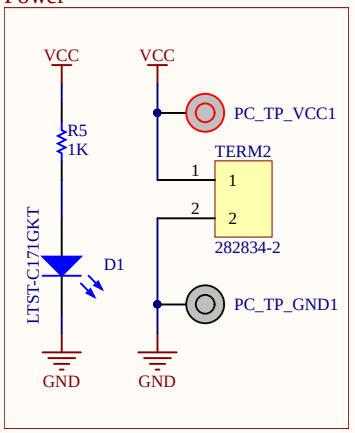
PAGE	PAGE NAME
01	Detection_Circuit_History
02	Detection_Circuit_Sheet_01

Title: Object Detection Circuit		
Size: C	Number: N/A	Revision: 1.0
Date: 2/3/2018	Sheet 1 of 2	
File: F:\UCD\..\Detection_Circuit_History.SchDoc	Drawn By: N. Schram	

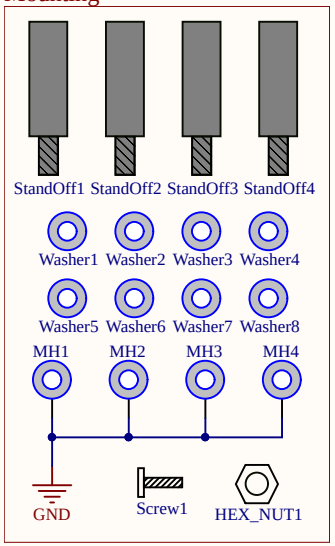
Colpitts Oscillator



Power



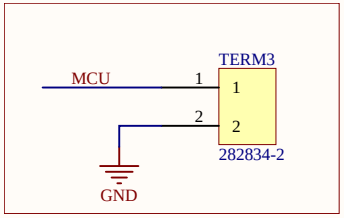
Mounting



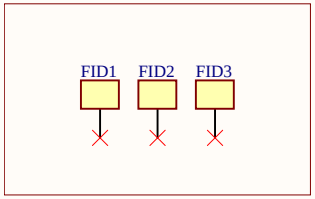
Notes:

1. MECH4 is board outline
2. MECH1 is component outine
3. MECH3 is text (placement insights)
4. Hex nut comes 100 per package
5. Pan head screws come 100 per package
6. *Note: (R*) is a zero ohm jumper
   0805 footprint in case an additional
   capacitor is required

MCU Communication



Fiducials



Title: Object Detection Circuit		
Size: A	Number: N/A	Revision: 1.0
Date: 2/3/2018		Sheet 2 of 2
File: F:\UCD\..\Detection_Circuit_Sheet_01.SchDoc		Drawn By: N. Schram