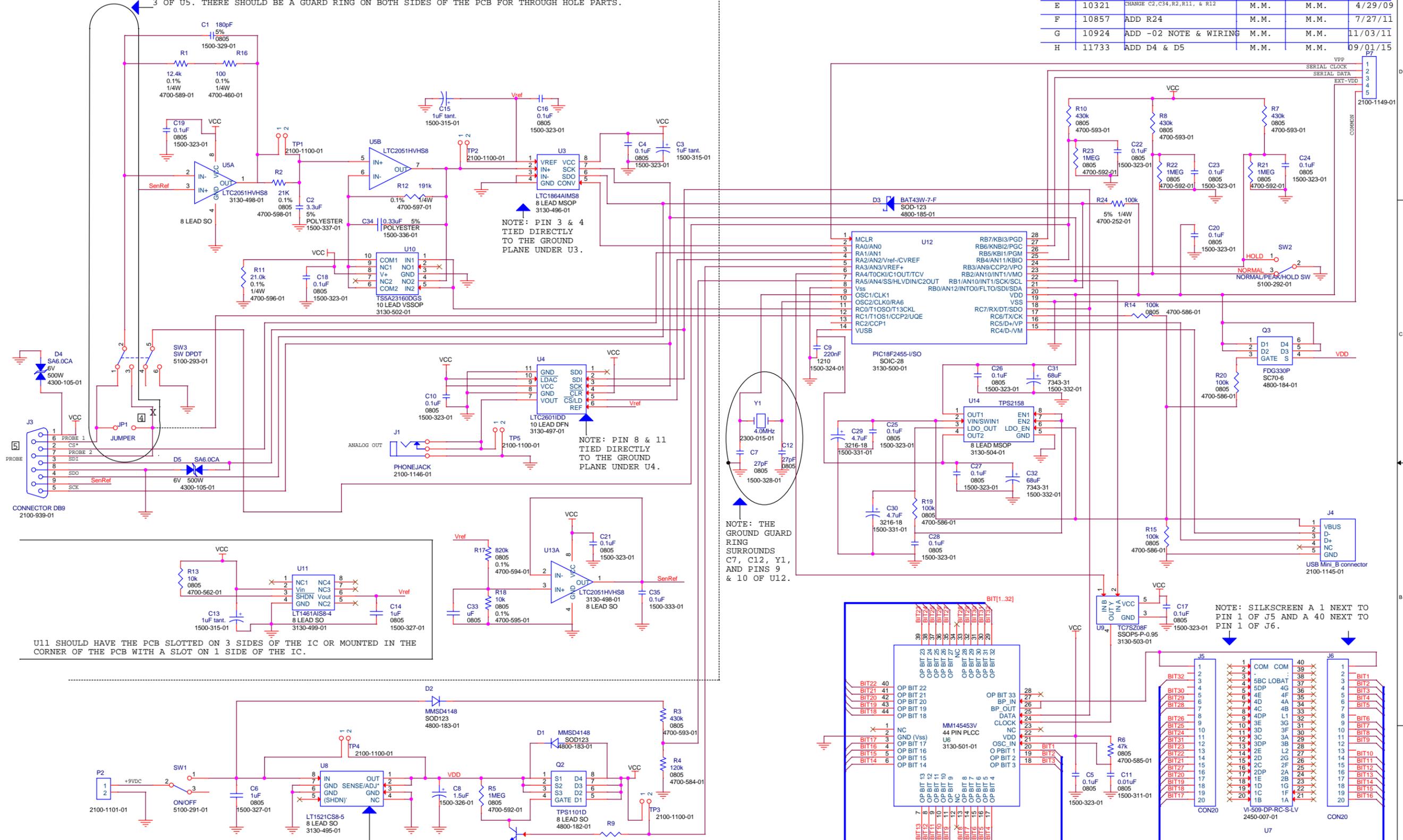


NOTE: GROUND PLANE UNDER AND AROUND ALL THE COMPONENTS INSIDE THE DASH LINE AREA.

THE LEADS OF C1, R1, PIN 2 OF U5, PIN 1 OF SW3, PIN 2 OF SW3, PIN 3 OF SW3, JP1, PIN 6 OF J3, & PIN 7 OF J3 THAT ARE SURROUNDED BY THE CIRCLE ARE GUARDED BY A GUARD RING THAT IS CONNECTED TO PIN 3 OF U5. THERE SHOULD BE A GUARD RING ON BOTH SIDES OF THE PCB FOR THROUGH HOLE PARTS.

REV.	ECO No.	DESCRIPTION	INCORP. BY	ENGINEER APPROVAL	DATE
C	10170	ADD C34,C35, CHANGE C2	M.M.	M.M.	10/01/08
D	10220	CHANGE R17 & R18	M.M.	M.M.	12/19/08
E	10321	CHANGE C2,C34,R2,R11, & R12	M.M.	M.M.	4/29/09
F	10857	ADD R24	M.M.	M.M.	7/27/11
G	10924	ADD -02 NOTE & WIRING	M.M.	M.M.	11/03/11
H	11733	ADD D4 & D5	M.M.	M.M.	09/01/15



NOTE: PIN 3 & 4 TIED DIRECTLY TO THE GROUND PLANE UNDER U3.

NOTE: PIN 8 & 11 TIED DIRECTLY TO THE GROUND PLANE UNDER U4.

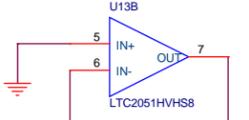
NOTE: THE GROUND GUARD RING SURROUNDS C7, C12, Y1, AND PINS 9 & 10 OF U12.

NOTE: SILKSCREEN A 1 NEXT TO PIN 1 OF J5 AND A 40 NEXT TO PIN 1 OF J6.

NOTE: FOR U8 THERE SHOULD BE 1.25 SQUARE INCHES OF 1 OZ COPPER GROUND PLANE ON THE COMPONENT SIDE AND 2 SQUARE INCHES OF 1 OZ COPPER GROUND PLANE ON THE BACK SIDE OF THE COMPONENT.

NOTES:

- 1 ASSY PCA METER MDL 306R 0306-053- □
- 2 FAB PCB METER MDL 306R 0306-252-01
- 3 AW PCB METER MDL 306R 0306-552-01
- 4 A -02 ASSY IS USED WITH A PROBE THAT HAS THE TEMPERATURE IC. TO CREATE A -02 ASSY THE TRACE BETWEEN JP1 AND PIN 3 OF SW3 NEEDS TO BE CUT AS SHOWN BY THE X. ALSO A WIRE NEEDS TO BE ADDED THAT RUNS FROM U12-12 TO THE PIN OF JP1 AS SHOWN BY THE DASHED LINE.
- 5 FOR A -02 ASSY, PIN 7 OF J3 IS USED AS A CHIP SELECT FOR THE TEMPERATURE IC INSIDE THE PROBE.



Size	CAGE Code	DWG NO	Rev
C	<Cage Code>	0306-152-01	H

Tuesday, September 01, 2015

Scale

Sheet 1 of 1