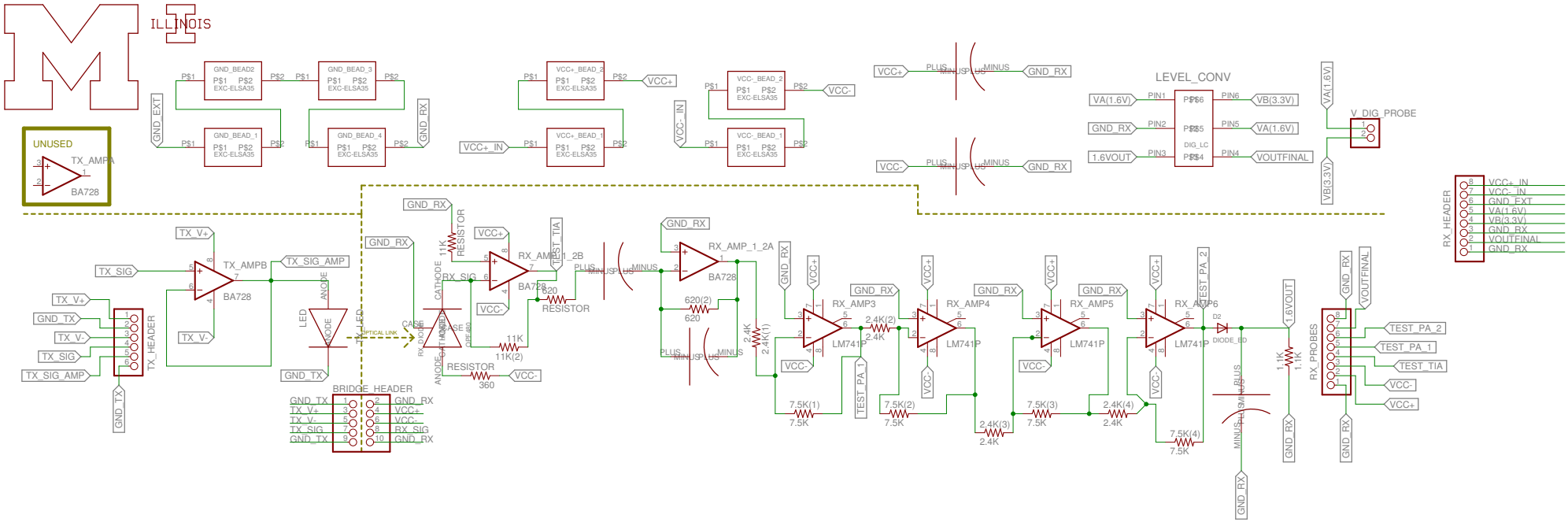
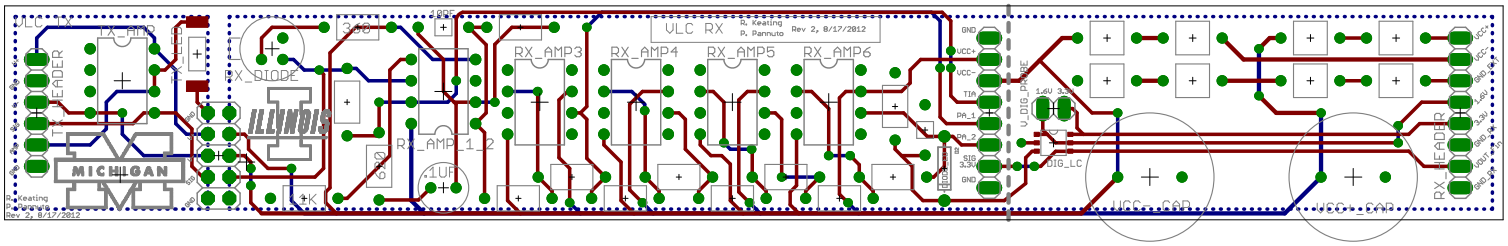
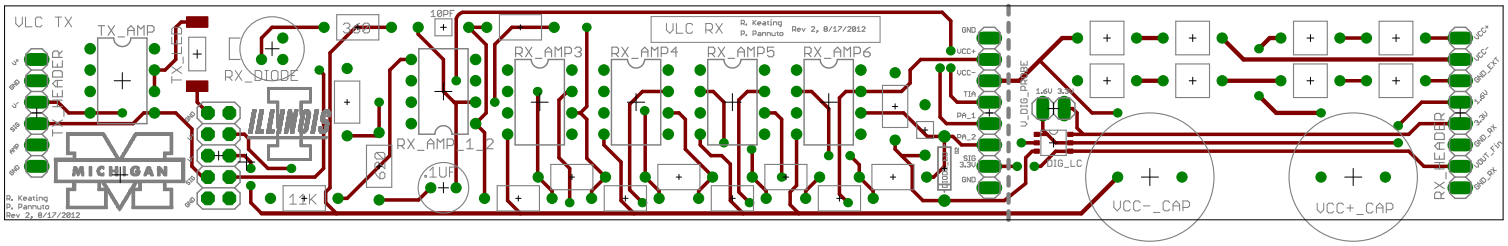

ILLINOIS
UNUSED
TX_AMPA
BA728
GND_BEAD2
GND_BEAD_3
GND_BEAD_1
GND_BEAD_4
EXC-ELSA35
GND_EXT
GND_RX
VCC+_BEAD_2
VCC+_BEAD_1
VCC+_IN
VCC-_BEAD_2
VCC-_BEAD_1
VCC-_IN
VCC+
VCC-
PLUS
MINUS
LEVEL_CONV
VA(1.6V)
GND_RX
1.6VOUT
VB(3.3V)
VOUTFINAL
DIG_LC
V_DIG_PROBE
RX_HEADER
VCC+_IN
VCC-_IN
GND_EXT
VA(1.6V)
VB(3.3V)
GND_RX
VOUTFINAL
GND_RX
TX_V+
TX_SIG
TX_AMPB
TX_SIG_AMP
TX_V-
GND_TX
TX_HEADER
LED
ANODE
OPTICAL LINK
CASE
CATHODE
RX_DIODE
OPE-60
11K
RESISTOR
RX_SIG
RX_AMP_1_2B
TEST_TIA
620
11K(2)
360
RX_AMP_1_2A
620(2)
2.4K
2.4K(1)
RX_AMP3
RX_AMP4
RX_AMP5
RX_AMP6
LM741P
TEST_PA_1
TEST_PA_2
2.4K(2)
2.4K(3)
2.4K(4)
7.5K(1)
7.5K(2)
7.5K(3)
7.5K(4)
7.5K
D2
DIODE_ED
1.6VOUT
1.1K
RX_PROBES
TEST_PA_2
TEST_PA_1
TEST_TIA
BRIDGE_HEADER
GND_TX
TX_V+
TX_V-
TX_SIG
GND_TX
GND_RX
VCC+
VCC-
RX_SIG
GND_RX

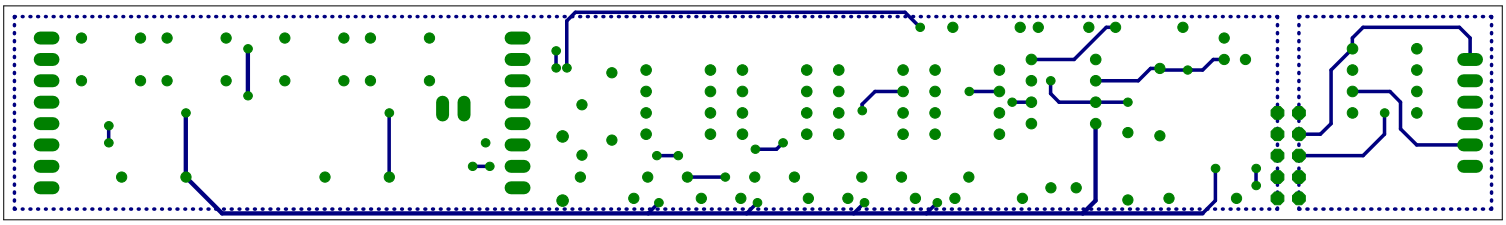
Top and Bottom Layers



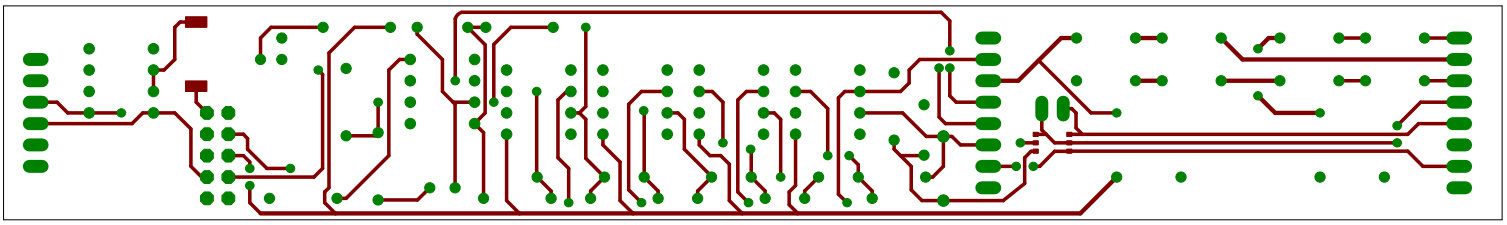
Top Layer


VLC TX
TX_AMP
TX_LED
RX_DIODE
330
10PF
VLC RX
R. Keating
P. Pannuto
Rev 2, 8/17/2012
RX_AMP3
RX_AMP4
RX_AMP5
RX_AMP6
RX_AMP_1_2
.1UF
11K
GND
VCC+
VCC-
TIA
PA_1
PA_2
SIG
3.3V
V_DIG_PROBE
1.6V
V_DIG_LC
VCC-_CAP
VCC+_CAP
RX_HEADER
MICHIGAN
ILLINOIS

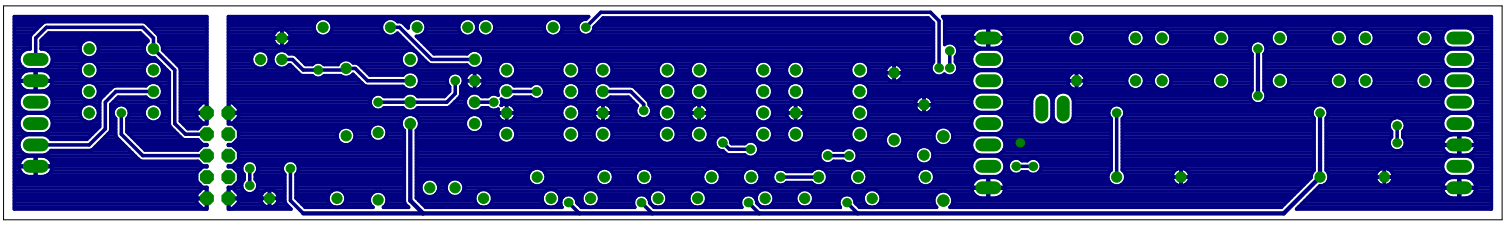
Bottom Layer



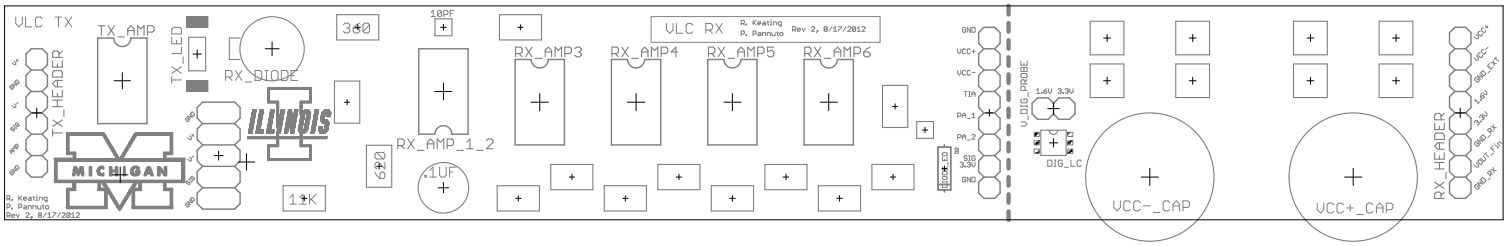
Top Copper Layer



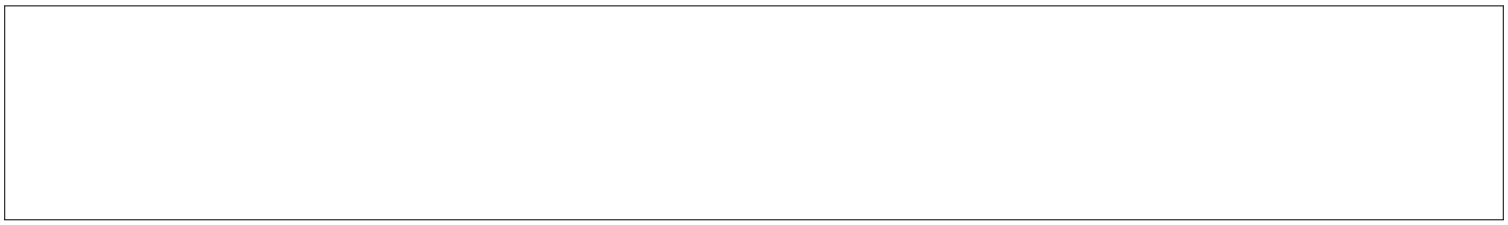
Bottom Copper Layer



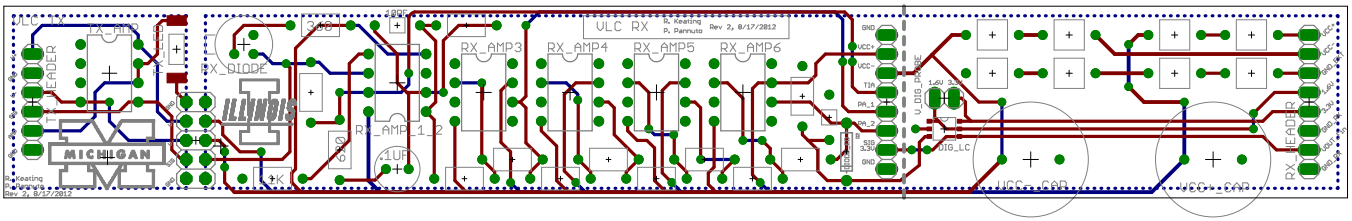
Top Paste Layer with Silkscreen



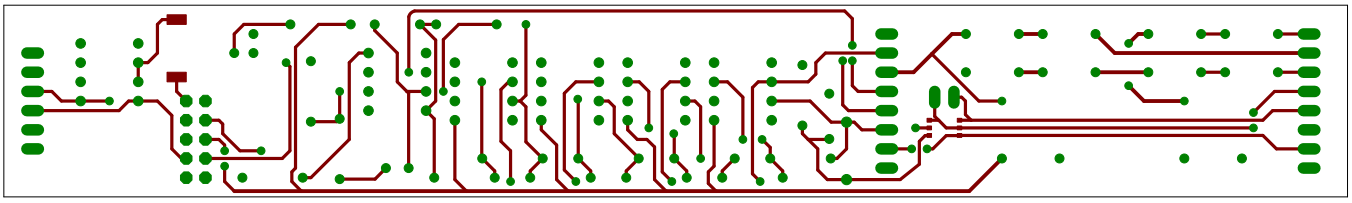
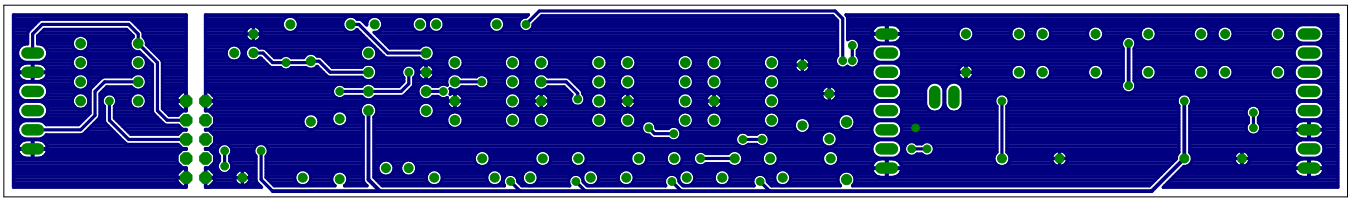
Bottom Paste Layer with Silkscreen



Top and Bottom Layers 1:1 Scale



Top Layer 1:1 Scale



Bottom Copper Layer 1:1 Scale