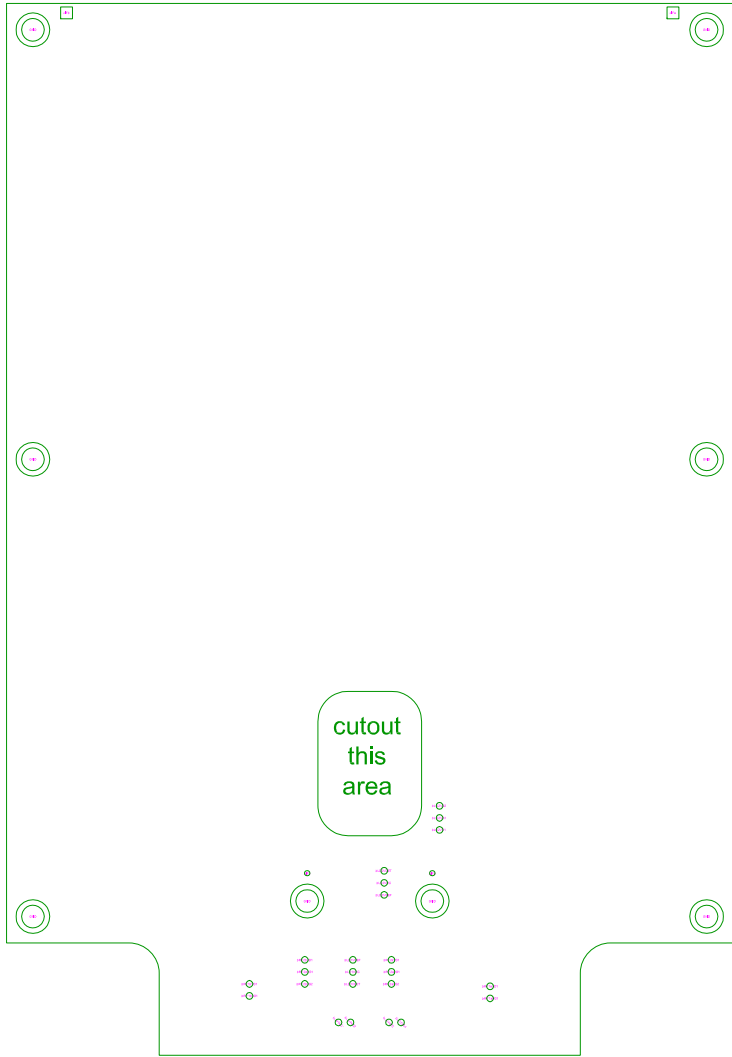
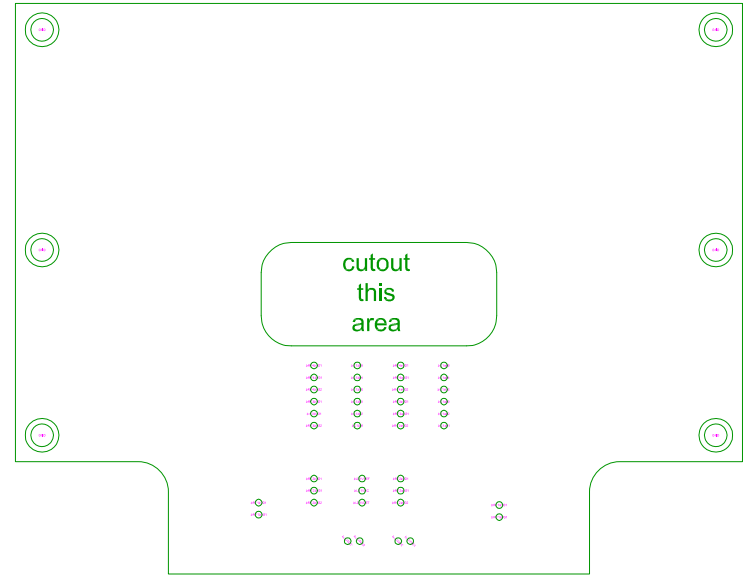


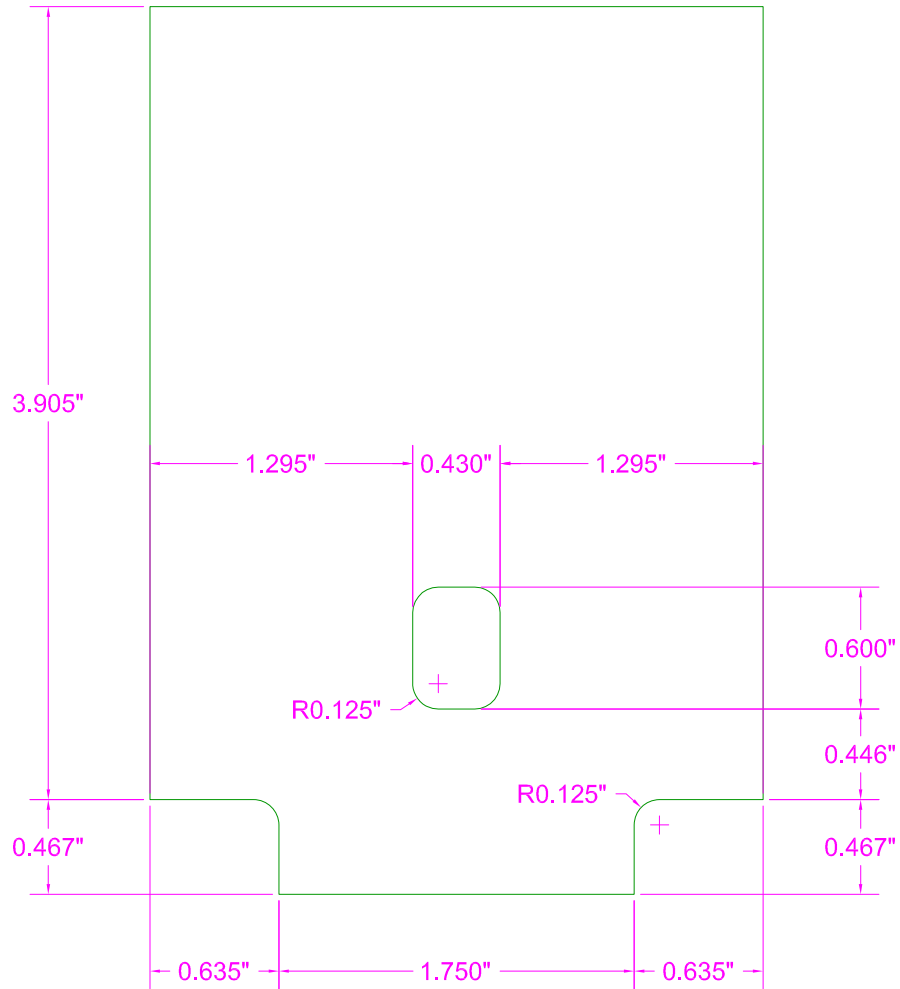
# IDM1P1



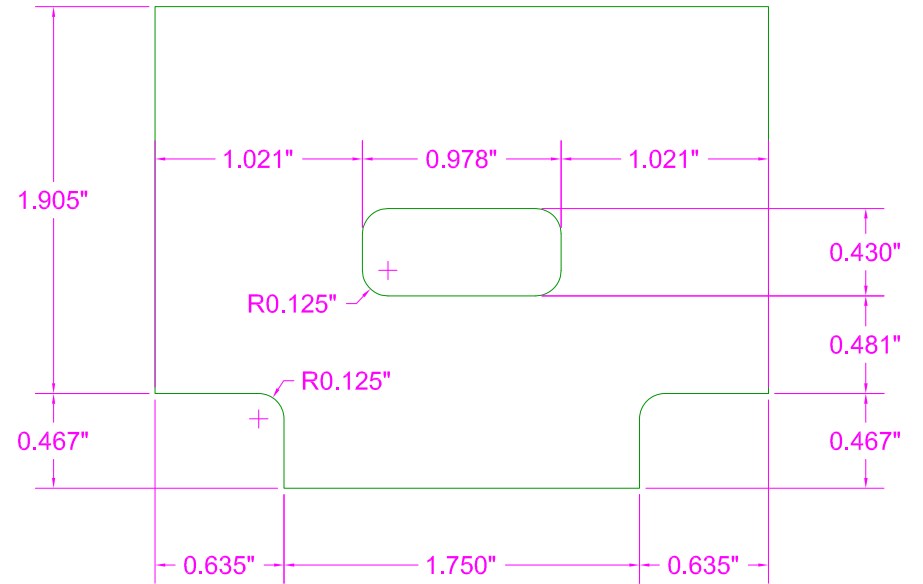
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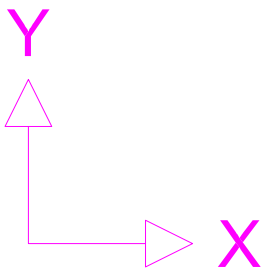
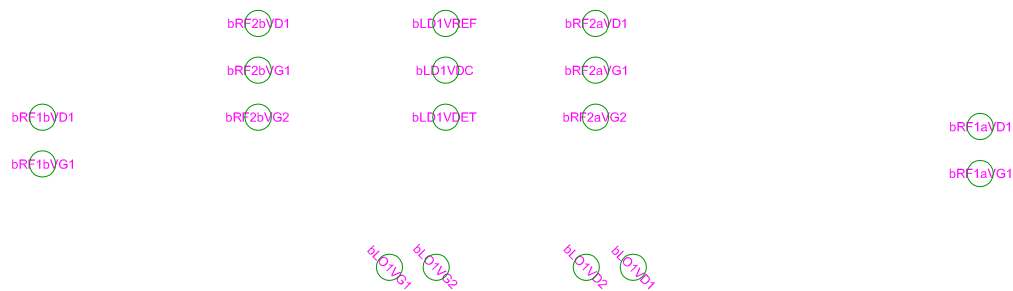
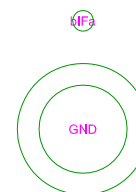
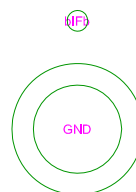
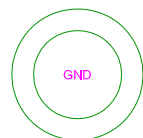
# IDM1P1



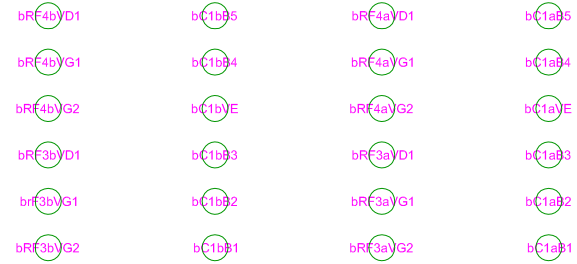
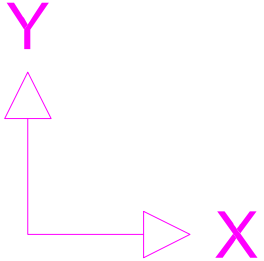
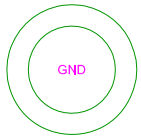
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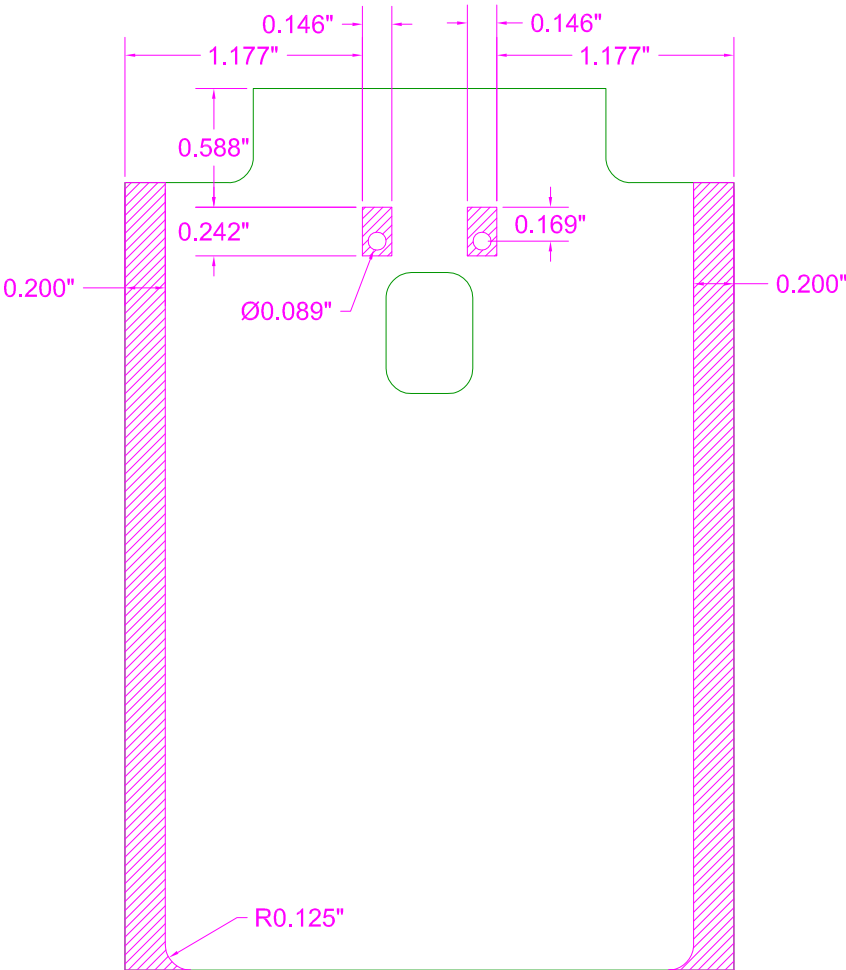
SEE TABLE 1 FOR FEEDTHRU AND  
PAD LOCATIONS ON BOARD IDM1P1



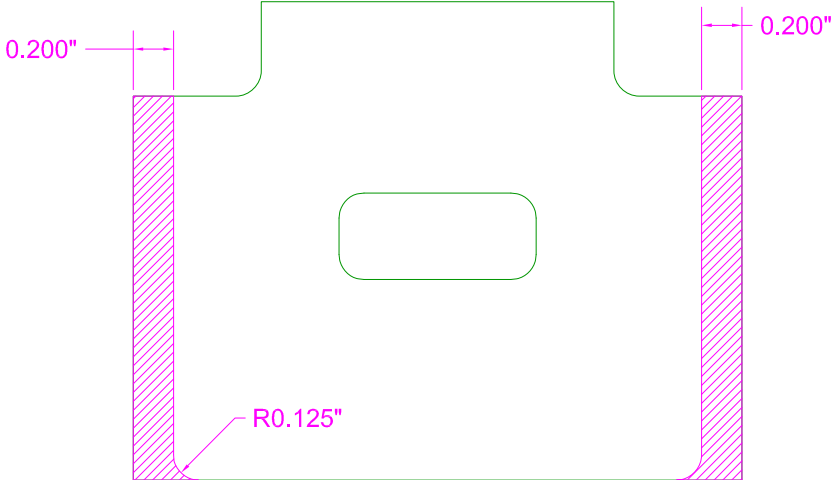
# SEE TABLE 2 FOR FEEDTHRU AND PAD LOCATIONS ON BOARD IDM2P1



# BACKSIDE GROUND AREAS



IDM1P1



IDM2P1

TABLE 1: FEEDTHRUS AND PADS FOR IDM1P1

signal	X [mils]	Y [mils]	geometry	comments
bRF1aVG1	2010	237	28-mil diam. plated-thru via	DC feedthru
bRF1aVD1	2010	287	28-mil diam. plated-thru via	DC feedthru
bRF1bVG1	1010	247	28-mil diam. plated-thru via	DC feedthru
bRF1bVD1	1010	297	28-mil diam. plated-thru via	DC feedthru
bRF2aVG1	1600	347	28-mil diam. plated-thru via	DC feedthru
bRF2aVG2	1600	297	28-mil diam. plated-thru via	DC feedthru
bRF2aVD1	1600	397	28-mil diam. plated-thru via	DC feedthru
bRF2bVG1	1240	347	28-mil diam. plated-thru via	DC feedthru
bRF2bVG2	1240	297	28-mil diam. plated-thru via	DC feedthru
bRF2bVD1	1240	397	28-mil diam. plated-thru via	DC feedthru
bLO1VG1	1380	137	28-mil diam. plated-thru via	DC feedthru
bLO1VG2	1430	137	28-mil diam. plated-thru via	DC feedthru
bLO1VD1	1640	137	28-mil diam. plated-thru via	DC feedthru
bLO1VD2	1590	137	28-mil diam. plated-thru via	DC feedthru
bLO2VG1	1800	987	28-mil diam. plated-thru via	DC feedthru
bLO2VG2	1800	937	28-mil diam. plated-thru via	DC feedthru
bLO2VD1	1800	1037	28-mil diam. plated-thru via	DC feedthru
BLD1VDET	1440	297	28-mil diam. plated-thru via	DC feedthru
BLD1VDC	1440	347	28-mil diam. plated-thru via	DC feedthru
BLD1VREF	1440	397	28-mil diam. plated-thru via	DC feedthru
BLD2VDET	1570	767	28-mil diam. plated-thru via	DC feedthru
BLD2VDC	1570	717	28-mil diam. plated-thru via	DC feedthru
BLD2VREF	1570	667	28-mil diam. plated-thru via	DC feedthru
bIFa	1770	757	22-mil diam. plated-thru via	IF feedthru
bIFb	1250	757	22-mil diam. plated-thru via	IF feedthru
clFa	2770	4332	50-mil wide square pad	coax transition
clFb	250	4332	50-mil wide square pad	coax transition
GND	110	577	94-mil via, 140 mil annulus	mounting hole
GND	2910	577	94-mil via, 140 mil annulus	mounting hole
GND	1250	641.5	94-mil via, 140 mil annulus	mounting hole
GND	1770	641.5	94-mil via, 140 mil annulus	mounting hole
GND	110	2477	94-mil via, 140 mil annulus	mounting hole
GND	2910	2477	94-mil via, 140 mil annulus	mounting hole
GND	110	4262	94-mil via, 140 mil annulus	mounting hole
GND	2910	4262	94-mil via, 140 mil annulus	mounting hole

TABLE 2: FEEDTHRUS AND PADS FOR IDM2P1

signal	X [mils]	Y [mils]	geometry	comments
bRF1aVG1	2010	237	28-mil diam. plated-thru via	DC feedthru
bRF1aVD1	2010	287	28-mil diam. plated-thru via	DC feedthru
bRF1bVG1	1010	247	28-mil diam. plated-thru via	DC feedthru
bRF1bVD1	1010	297	28-mil diam. plated-thru via	DC feedthru
bRF2aVG1	1600	347	28-mil diam. plated-thru via	DC feedthru
bRF2aVG2	1600	297	28-mil diam. plated-thru via	DC feedthru
bRF2aVD1	1600	397	28-mil diam. plated-thru via	DC feedthru
bRF2bVG1	1240	347	28-mil diam. plated-thru via	DC feedthru
bRF2bVG2	1240	297	28-mil diam. plated-thru via	DC feedthru
bRF2bVD1	1240	397	28-mil diam. plated-thru via	DC feedthru
bRF3aVG1	1600	667	28-mil diam. plated-thru via	DC feedthru
bRF3aVG2	1600	617	28-mil diam. plated-thru via	DC feedthru
bRF3aVD1	1600	717	28-mil diam. plated-thru via	DC feedthru
bRF3bVG1	1240	667	28-mil diam. plated-thru via	DC feedthru
bRF3bVG2	1240	617	28-mil diam. plated-thru via	DC feedthru
bRF3bVD1	1240	717	28-mil diam. plated-thru via	DC feedthru
bRF4aVG1	1600	817	28-mil diam. plated-thru via	DC feedthru
bRF4aVG2	1600	767	28-mil diam. plated-thru via	DC feedthru
bRF4aVD1	1600	867	28-mil diam. plated-thru via	DC feedthru
bRF4bVG1	1240	817	28-mil diam. plated-thru via	DC feedthru
bRF4bVG2	1240	767	28-mil diam. plated-thru via	DC feedthru
bRF4bVD1	1240	867	28-mil diam. plated-thru via	DC feedthru
bLO1VG1	1380	137	28-mil diam. plated-thru via	DC feedthru
bLO1VG2	1430	137	28-mil diam. plated-thru via	DC feedthru
bLO1VD1	1640	137	28-mil diam. plated-thru via	DC feedthru
bLO1VD2	1390	137	28-mil diam. plated-thru via	DC feedthru
bLD1VDET	1440	297	28-mil diam. plated-thru via	DC feedthru
bLD1VDC	1440	347	28-mil diam. plated-thru via	DC feedthru
bLD1VREF	1440	397	28-mil diam. plated-thru via	DC feedthru
bC1aB1	1780	617	28-mil diam. plated-thru via	DC feedthru
bC1aB2	1780	667	28-mil diam. plated-thru via	DC feedthru
bC1aB3	1780	717	28-mil diam. plated-thru via	DC feedthru
bC1aB4	1780	817	28-mil diam. plated-thru via	DC feedthru
bC1aB5	1780	867	28-mil diam. plated-thru via	DC feedthru
bC1aVE	1780	767	28-mil diam. plated-thru via	DC feedthru
bC1bB1	1420	617	28-mil diam. plated-thru via	DC feedthru
bC1bB2	1420	667	28-mil diam. plated-thru via	DC feedthru
bC1bB3	1420	717	28-mil diam. plated-thru via	DC feedthru
bC1bB4	1420	817	28-mil diam. plated-thru via	DC feedthru
bC1bB5	1420	867	28-mil diam. plated-thru via	DC feedthru
bC1bVE	1420	767	28-mil diam. plated-thru via	DC feedthru
GND	110	577	94-mil via, 140 mil annulus	mounting hole
GND	2910	577	94-mil via, 140 mil annulus	mounting hole
GND	110	1347	94-mil via, 140 mil annulus	mounting hole
GND	2910	1347	94-mil via, 140 mil annulus	mounting hole
GND	110	2262	94-mil via, 140 mil annulus	mounting hole
GND	2910	2262	94-mil via, 140 mil annulus	mounting hole