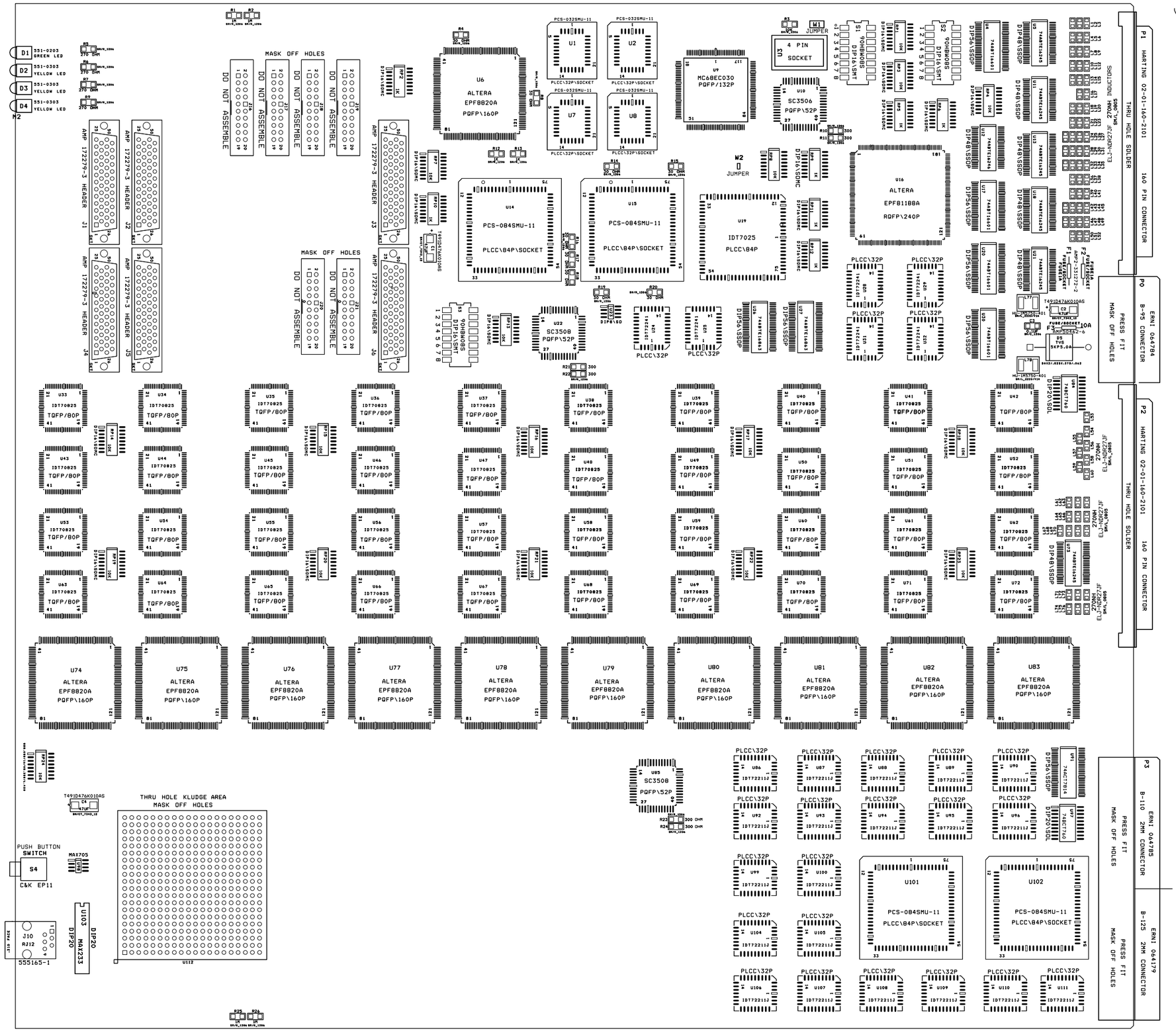
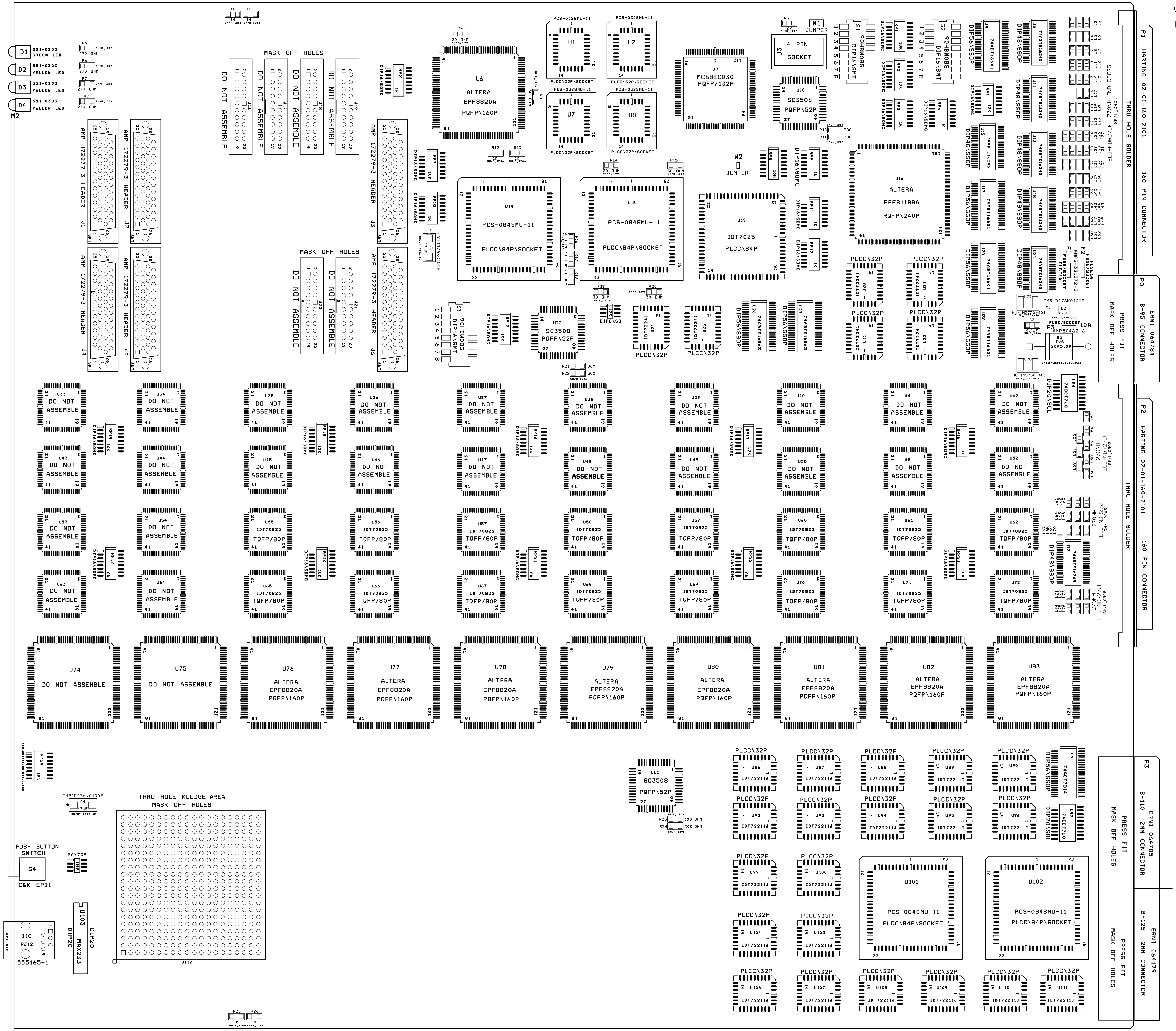

P1 HARTING 02-01-160-2101 160 PIN CONNECTOR THRU HOLE SOLDER
P0 ERNI 064784 B-95 CONNECTOR PRESS FIT MASK OFF HOLES
P2 HARTING 02-01-160-2101 160 PIN CONNECTOR THRU HOLE SOLDER
P3 ERNI 064785 B-110 2MM CONNECTOR PRESS FIT MASK OFF HOLES
ERNI 064179 B-125 2MM CONNECTOR PRESS FIT MASK OFF HOLES
D1 551-0203 GREEN LED
D2 551-0303 YELLOW LED
D3 551-0303 YELLOW LED
D4 551-0303 YELLOW LED
M2
MASK OFF HOLES
DO NOT ASSEMBLE
AMP 172279-3 HEADER J1
AMP 172279-3 HEADER J2
AMP 172279-3 HEADER J3
AMP 172279-3 HEADER J4
AMP 172279-3 HEADER J5
AMP 172279-3 HEADER J6
U6 ALTERA EPF8820A PQFP\160P
U1 U2 U7 U8 PCS-032SMU-11 PLCC\32P\SOCKET
U9 MC68EC030 PQFP/132P
U10 SC3506 PQFP\52P
W1 JUMPER
4 PIN SOCKET
S1 90HB08S DIP16\SMT
S2 90HB08S DIP16\SMT
U16 ALTERA EPF8118BA RQFP\240P
U14 U15 PCS-084SMU-11 PLCC\84P\SOCKET
U19 IDT7025 PLCC\84P
W2 JUMPER
U22 SC3508 PQFP\52P
S3 90HB08S DIP16\SMT
PLCC\32P
U33 U34 U35 U36 U37 U38 U39 U40 U41 U42 U43 U44 U45 U46 U47 U48 U49 U50 U51 U52 U53 U54 U55 U56 U57 U58 U59 U60 U61 U62 U63 U64 U65 U66 U67 U68 U69 U70 U71 U72 IDT70825 TQFP/80P
U74 U75 U76 U77 U78 U79 U80 U81 U82 U83 ALTERA EPF8820A PQFP\160P
U85 SC3508 PQFP\52P
U86 U87 U88 U89 U90 U92 U93 U94 U95 U96 U99 U100 U104 U105 U106 U107 U108 U109 U110 U111 IDT722112
U101 U102 PCS-084SMU-11 PLCC\84P\SOCKET
U112
THRU HOLE KLUDGE AREA MASK OFF HOLES
PUSH BUTTON SWITCH
S4 C&K EP11
MAX705
U103 MAX233 DIP20
J10 RJ12 555165-1
U91 74AC7814
U97 74AC7740
U98 74AC7740
U120 U121 U122 U123 U124 U125 U126 U127 U128 U129 U130 U131 U132 U133 U134 U135 U136 U137 U138 U139 U140 U141 U142 U143 U144 U145 U146 U147 U148 U149 U150 U151 U152 U153 U154 U155 U156 U157 U158 U159

VRB ASSEMBLY DRAWING
FOR DO MODEL

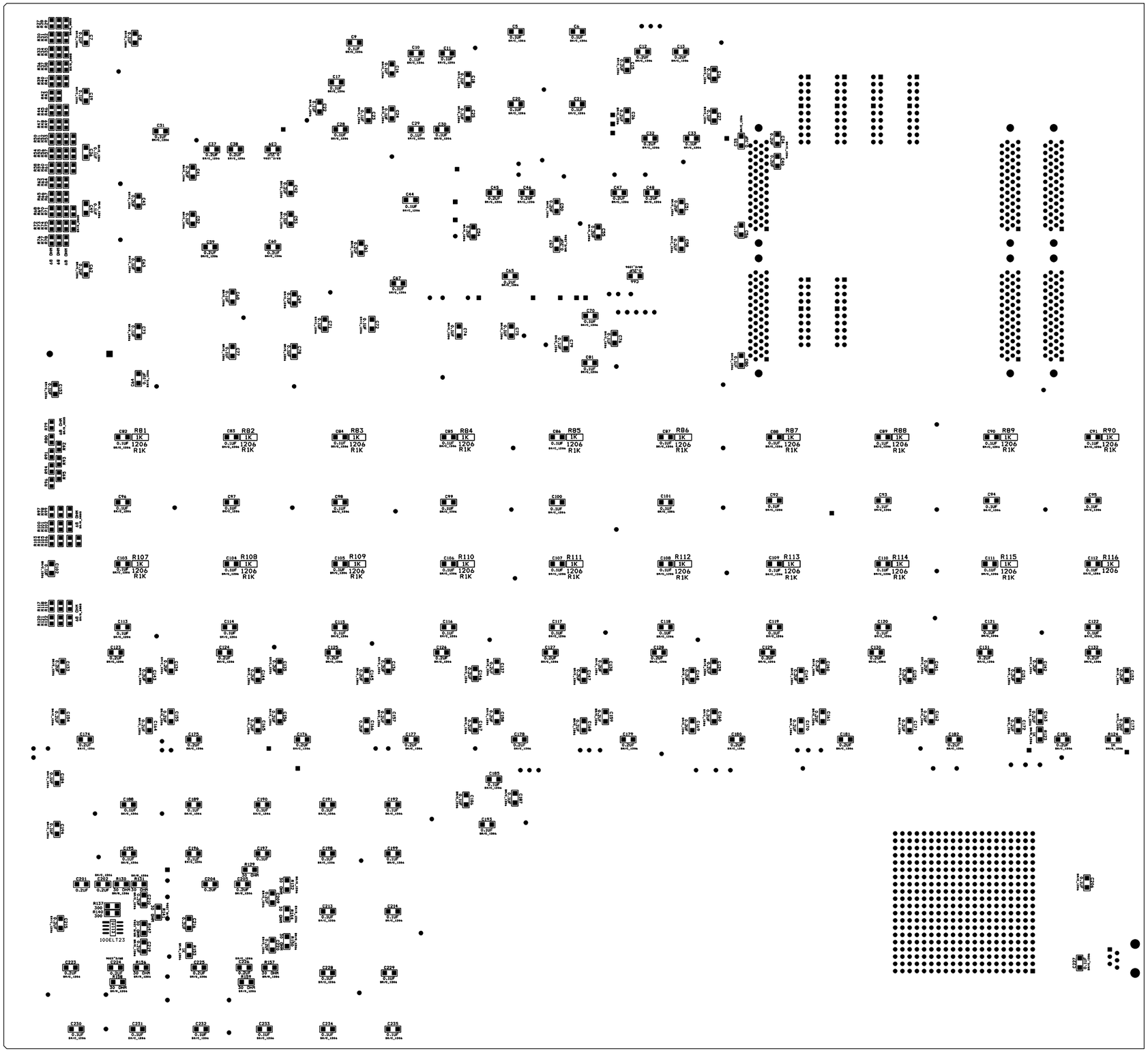


NOTES:

DO NOT ASSEMBLE THE FOLLOWING 32 COMPONENTS

J16, J17, J18, J19, J20 AND J21

U33, U34, U35, U36, U37, U38, U39, U40, U41, U42, U43, U44, U45, U46, U47 U48, U49, U50, U51, U52 U53, U54, U63, U64, U74 AND U75

ALL THRU HOLE AREAS ARE TO BE MASKED OFF SO COMPONENTS CAN INSTALLED AT A LATER DATE IF NECESSARY

VRB BOTTOM ASSEMBLY
FOR BOTH MODELS