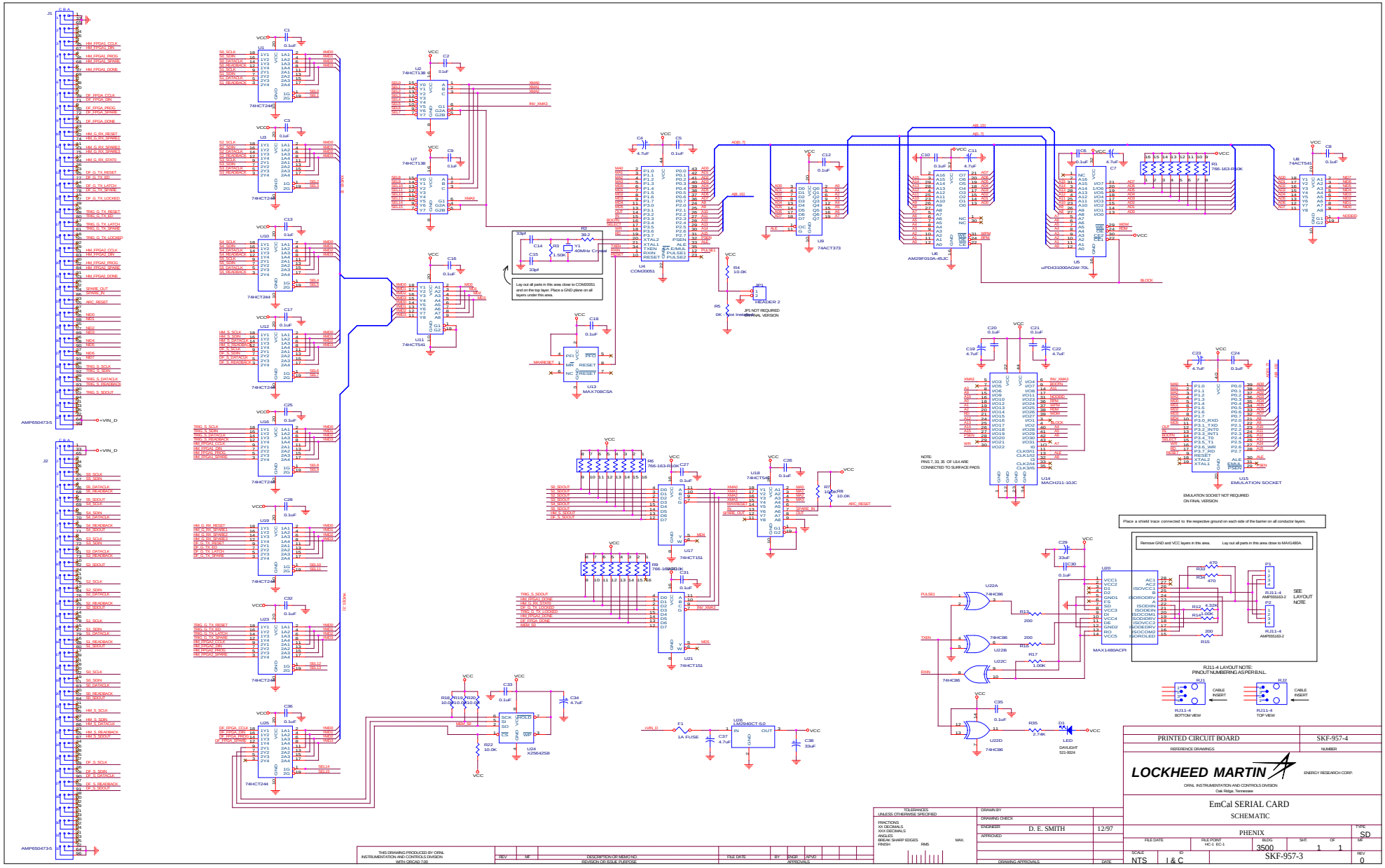
J1
J2
AMP650473-5
+VIN_D
74HCT244
74HCT138
74HCT541
COM00051
74ACT373
AM29F010A-45JC
uPD431000AGW-70L
766-163-810K
MAX708CSA
MACH211-10JC
EMULATION SOCKET
EMULATION SOCKET NOT REQUIRED ON FINAL VERSION
74HCT151
X25642S8
LM2940CT-5.0
1A FUSE
LED
DAYLIGHT 521-6524
MAX1480ACPI
RJ11-4 BOTTOM VIEW
RJ11-4 TOP VIEW
CABLE INSERT
SEE LAYOUT NOTE
Lay out all parts in this area close to COM00051 and on the top layer. Place a GND plane on all layers under this area.
Place a shield trace connected to the respective ground on each side of the barrier on all conductor layers.
Remove GND and VCC layers in this area.
Lay out all parts in this area close to MAX1480A.
RJ11-4 LAYOUT NOTE: PINOUT NUMBERING AS PER B.N.L.
NOTE: PINS 7, 33, 35 OF U14 ARE CONNECTED TO SURFACE PADS
PRINTED CIRCUIT BOARD
SKF-957-4
LOCKHEED MARTIN
ENERGY RESEARCH CORP.
ORNL INSTRUMENTATION AND CONTROLS DIVISION
Oak Ridge, Tennessee
EmCal SERIAL CARD
SCHEMATIC
PHENIX
SD
3500
1
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NTS
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SKF-957-3
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D. E. SMITH
12/97
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