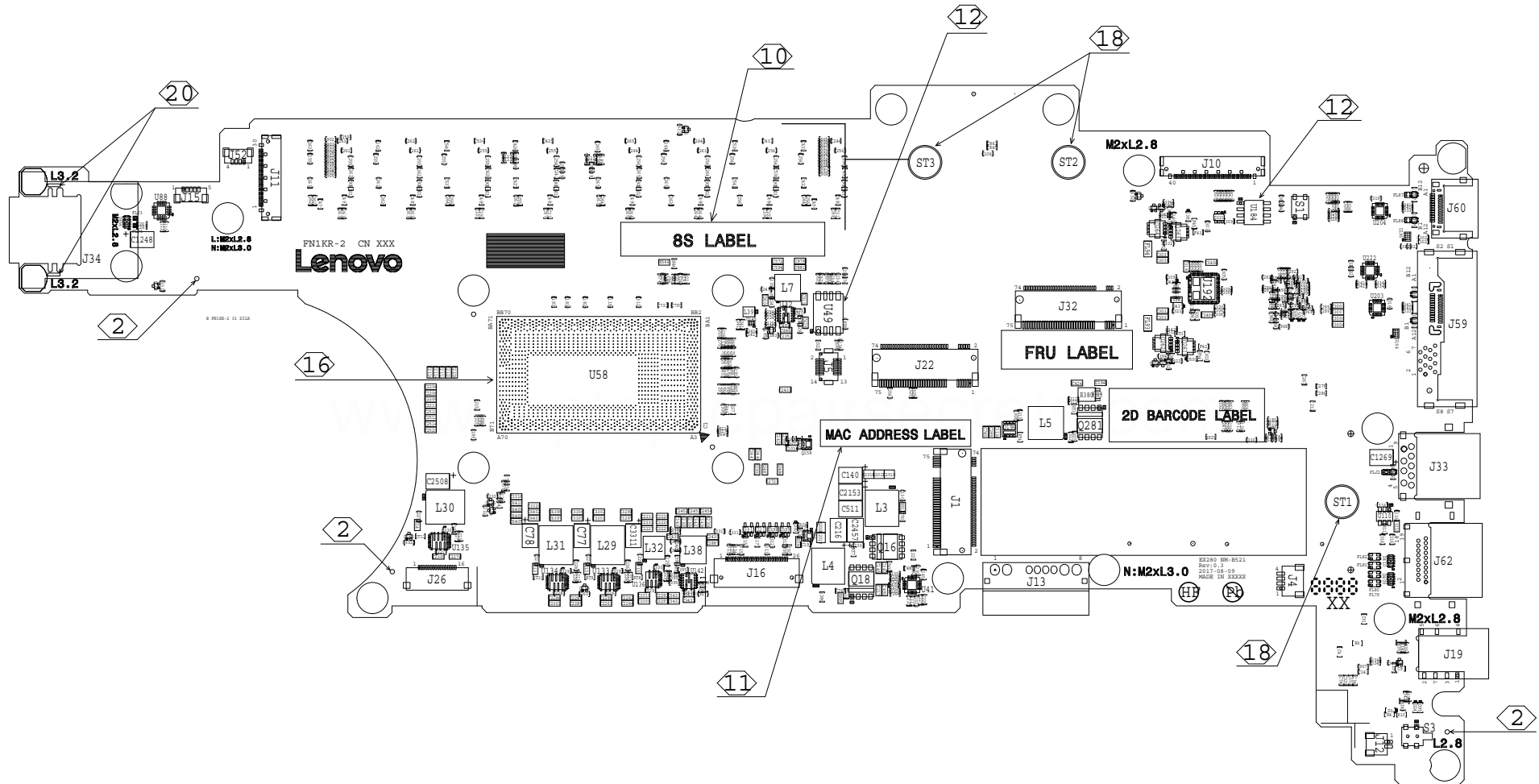


Lenovo		
Model	FN1KR-2	SIT
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Layer		



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NOTES

- 1 RAW CARD P/N IS FN1KR-2
- ASSEMBLY FIDUCIAL POINT

REFER TO COMPONENT REPORT
- 3 UL FLAMMABILITY OF THIS RAW CARD MUST BE UL 94V-0 OR BETTER.
TEMPERATURE CLASS OF THIS RAW CARD IS 130 deg C.
- 4 WARNING:
PROPER ESD PROCEDURES AND PROTECTION MUST BE IN PLACE WHEREVER CARDS ARE HANDLED.
ELECTROSTATIC DISCHARGES MAY DESTROY MODULES.
- 5 WARNING:
THE MANUFACTURING PROCESS OF THIS PRINTED CIRCUIT CARD MAY REQUIRE SPECIAL SAFETY
AND/OR HEALTH PRECAUTIONS.
- 6 CAPACITORS WITH POLARITY ARE AS FOLLOWS.
- BOT C77,C78,C140,C216,C511,C1248,C1269,C2153,C2457,C2508,C3311 (TOTAL:11)
- 7 CONNECTORS SHOULD BE SOLDERED FLUSH WITHIN 0.3mm MAX ON THE SURFACE OF THE CARD.
- 8 GROUND PADS SHOULD HAVE NO SOLDER.
IN CASE OF SOLDER FROM VIAS WITH OPPOSITE SIDE SOLDERED AND/OR SOLDER ACCIDENTALLY ADHERED,
SUCH SOLDER THICKNESS MUST NOT EXCEED 0.05mm.
- 9 2,3,10PIN DIODE WITH POLARITY ARE AS FOLLOWS.
2PIN -TOP
D1 D6 D7 D8 D11 D12 D20 D25 D56 D63 D66 D72 D76 D94 D237 D287
D288 D290 D291 D292 D311 D312 D348 D349 D351 D352 D354 D355 D364 D365 D367
D368 D370 D371 D404 D405 D406 D407 D411 D412 D413 D415 D416 D420 D424 D425
D426 D427 D428 D429 D430 D431 D452 D453 D461 D462 D497 D498 D499 D505 (TOTAL:60)
-BOT
D3 D24 D30 D99 D252 D356 D357 D362 D363 D372 D373 D378 D379 D381
D437 D438 D454 D455 D500 D506 D507 D508 (TOTAL:22)
3PIN -TOP
D19 D403 (TOTAL:2)
10PIN -TOP
D346 D347 D457 (TOTAL:3)
10PIN -BOT
D409 D410 D456 (TOTAL:3)
- APPLY 8S LABEL TO THE INDICATED AREA.

THE BARCODE HEADER : XXXXX (ASSIGNED BY NB ECAT PE)

NOTE : IDENTIFICATION OF FRU P/N IS NOT REQUIRED AT THIS PLANAR LEVEL.
- PRINT 2 MAC LABELS BY USING CODE 39.

APPLY 1 LABEL TO THE INDICATED AREA.

ALSO ATTACH OTHER ONE LABEL ON THE PLANAR.


LOCATIONS WILL BE SPECIFIED BY NB ECAT PE.

MAC ADDRESS : XX XX XX XX XX XX

- U49,U184 (BLANK SPI FLASH) SHOULD BE PROGRAMMED. (REFER TO NB ECAT PE)
- 13 COUNTRY OF ORIGIN MARKING SHOULD BE APPLIED IN THE BARCODE LABEL OR WITH OTHER WAY.
COUNTRY OF ORIGIN : ASSEMBLY MADE IN XXXXX.
(WHERE XXXXX IS A FULL NAME OF THE ASSEMBLY COUNTRY)
- 14 PART SELECTION RULE.
GENERAL INFORMATION.
ON ONE LINE BOM ITEM WITH MULTIPLE USAGE QUANTITY.
ECAT SHOULD HAVE SAME SUPPLIER COMPONENTS ON ONE PLANAR.
- 15 FOLLOW VISUAL INSPECTION CRITERIA FOR MOBILE PLANAR (PN=39T0261)
- APPLY GLUE TO U23 U58 U101 U125-U132 U182 (REFER TO NB ECAT PE)
- 17 DO NOT APPLY ADHESIVE TO ANY INDUCTORS.
- SOLDER STUD ST1,ST2,ST3,ST4,ST5 (TOTAL:5) REFER TO STUD LIST IN THE PLANAR DRAWING.

EMI CLIP SPR1-SPR4,SPR7-SPR14 (TOTAL:12)
- PAD PATTERN OF U53 IS DESIGNED FOR BOTH MSOP8 AND MSOP8 W/EP PACKAGES.

SOLDER ON CENTER PAD UNDER MSOP8 PACKAGE IS ACCEPTED BY NB ECAT PE.
- U53 CENTER PAD


- DO NOT APPLY SOLDER TO J34 PIN-14 AND PIN-15.

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