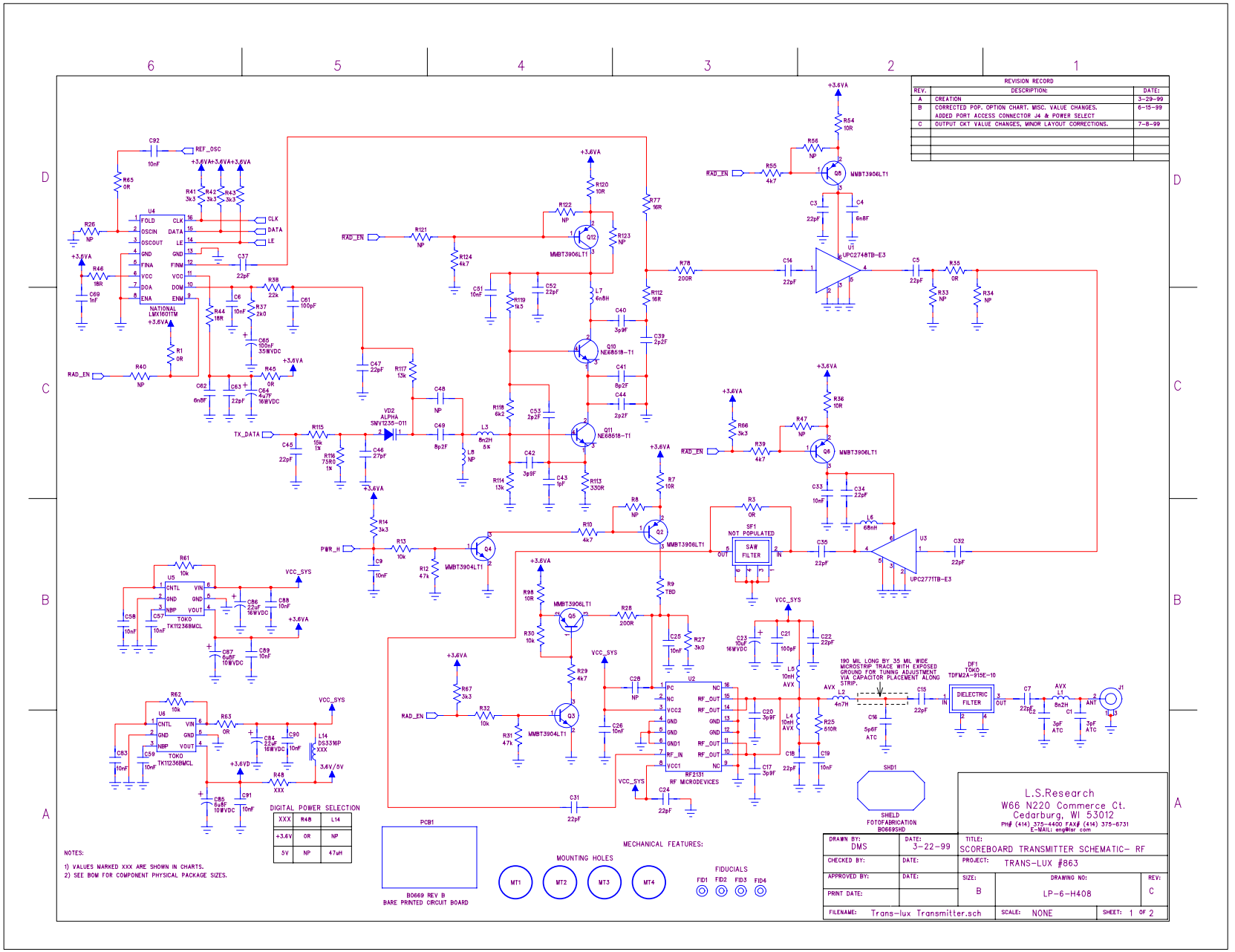
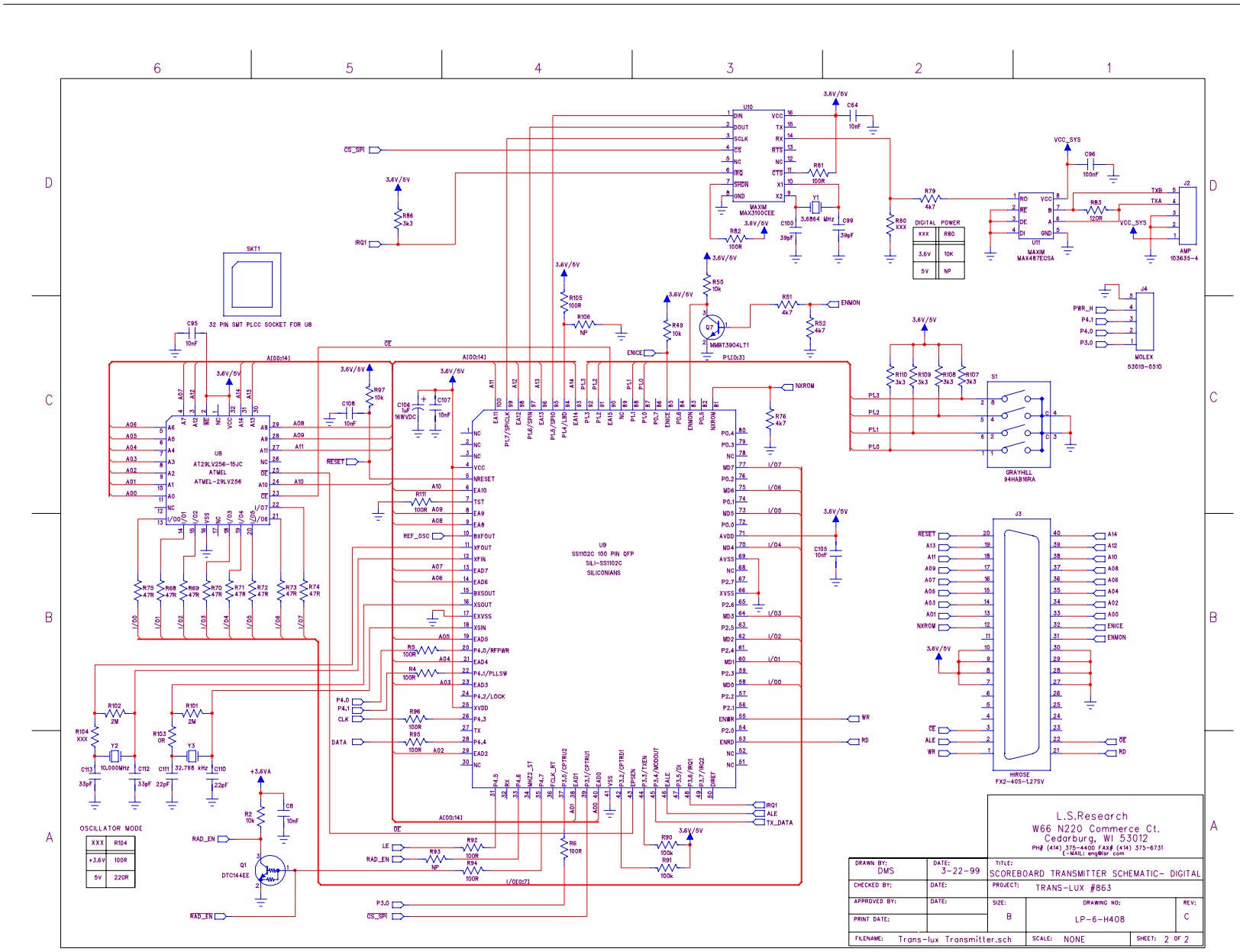

REVISION RECORD
REV. | DESCRIPTION: | DATE:
A | CREATION | 3-29-99
B | CORRECTED POP. OPTION CHART. MISC. VALUE CHANGES. ADDED PORT ACCESS CONNECTOR J4 & POWER SELECT | 6-15-99
C | OUTPUT CKT VALUE CHANGES, MINOR LAYOUT CORRECTIONS. | 7-8-99
DIGITAL POWER SELECTION
XXX | R48 | L14
+3.6V | 0R | NP
5V | NP | 47nH
NOTES:
1) VALUES MARKED XXX ARE SHOWN IN CHARTS.
2) SEE BOM FOR COMPONENT PHYSICAL PACKAGE SIZES.
PCB1
B0669 REV B
BARE PRINTED CIRCUIT BOARD
MECHANICAL FEATURES:
MOUNTING HOLES
MT1 MT2 MT3 MT4
FIDUCIALS
FID1 FID2 FID3 FID4
SHD1
SHIELD
FOTOFABRICATION
B0669SHD
190 MIL LONG BY 35 MIL WIDE MICROSTRIP TRACE WITH EXPOSED GROUND FOR TUNING ADJUSTMENT. VIA CAPACITOR PLACEMENT ALONG STRIP.
SF1
NOT POPULATED
SAW FILTER
DF1
TOKO
TDFM2A-915E-10
DIELECTRIC FILTER
L.S.Research
W66 N220 Commerce Ct.
Cedarburg, WI 53012
PH# (414) 375-4400 FAX# (414) 375-6731
E-MAIL: engr@lsr.com
DRAWN BY: DMS
DATE: 3-22-99
CHECKED BY:
APPROVED BY:
PRINT DATE:
TITLE: SCOREBOARD TRANSMITTER SCHEMATIC- RF
PROJECT: TRANS-LUX #863
SIZE: B
DRAWING NO: LP-6-H408
REV: C
FILENAME: Trans-lux Transmitter.sch
SCALE: NONE
SHEET: 1 OF 2


SCORE BOARD TRANSMITTER SCHEMATIC- DIGITAL
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DRAWN BY: DMS
DATE: 3-22-99
CHECKED BY:
APPROVED BY:
PRINT DATE:
PROJECT: TRANS-LUX #863
SIZE: B
DRAWING NO: LP-6-H408
REV: C
FILENAME: Trans-lux Transmitter.sch
SCALE: NONE
SHEET: 2 OF 2
U10
MAXIM MAX3100CEE
U11
MAXIM MAX487ECSA
U8
AT29LV256-15JC
ATMEL
ATMEL-29LV256
U9
SS1102C 100 PIN QFP
SILI-SS1102C
SILICONIANS
SKT1
32 PIN SMT PLCC SOCKET FOR U8
J2
AMP
103635-4
J3
HIROSE
FX2-40S-1.27SV
J4
MOLEX
53015-0510
S1
GRAYHILL
94HAB16RA
Y1
3.6864 MHz
Y2
10.000MHz
Y3
32.768 kHz
Q1
DTC144EE
Q7
MMBT3904LT1
OSCILLATOR MODE
DIGITAL POWER