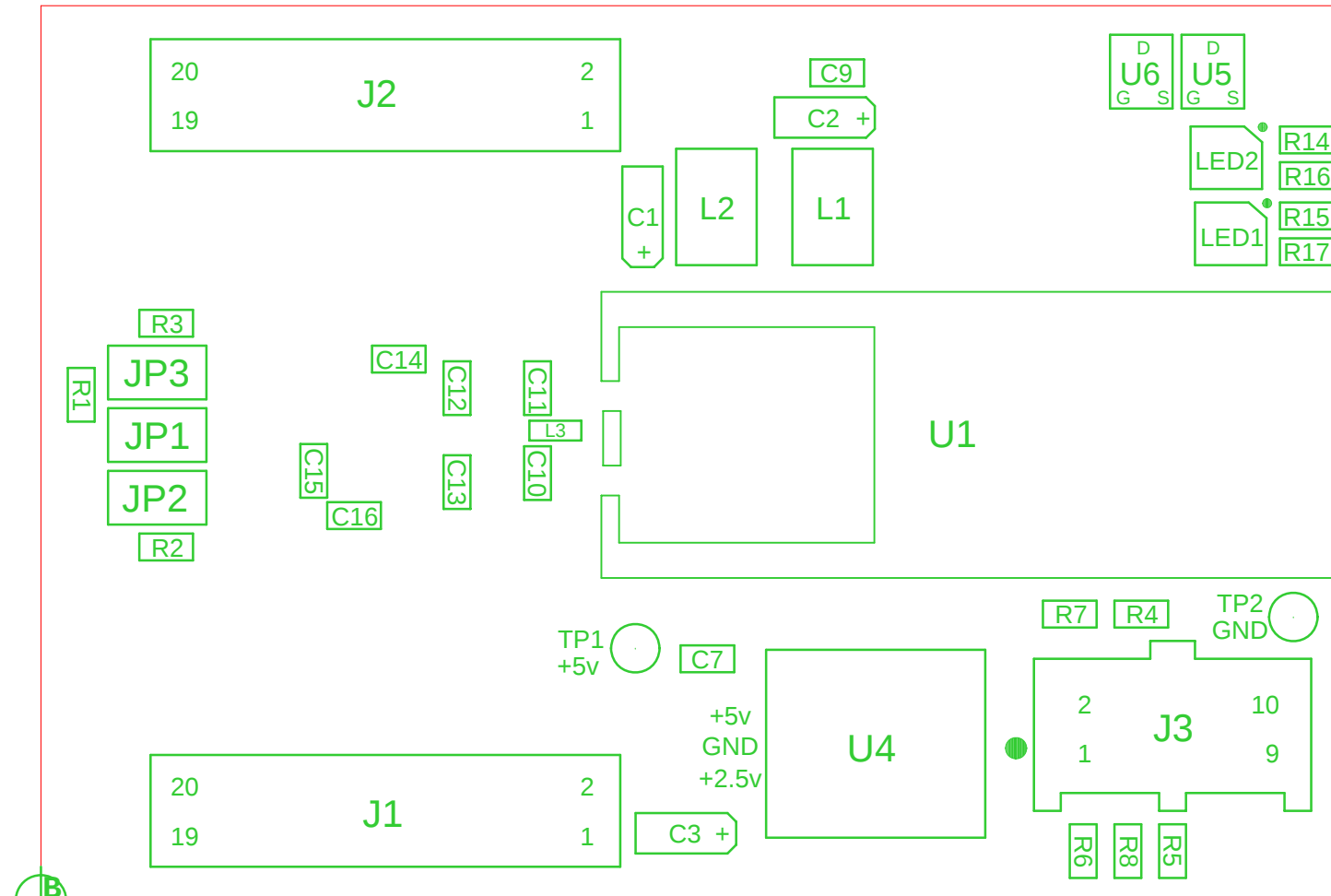
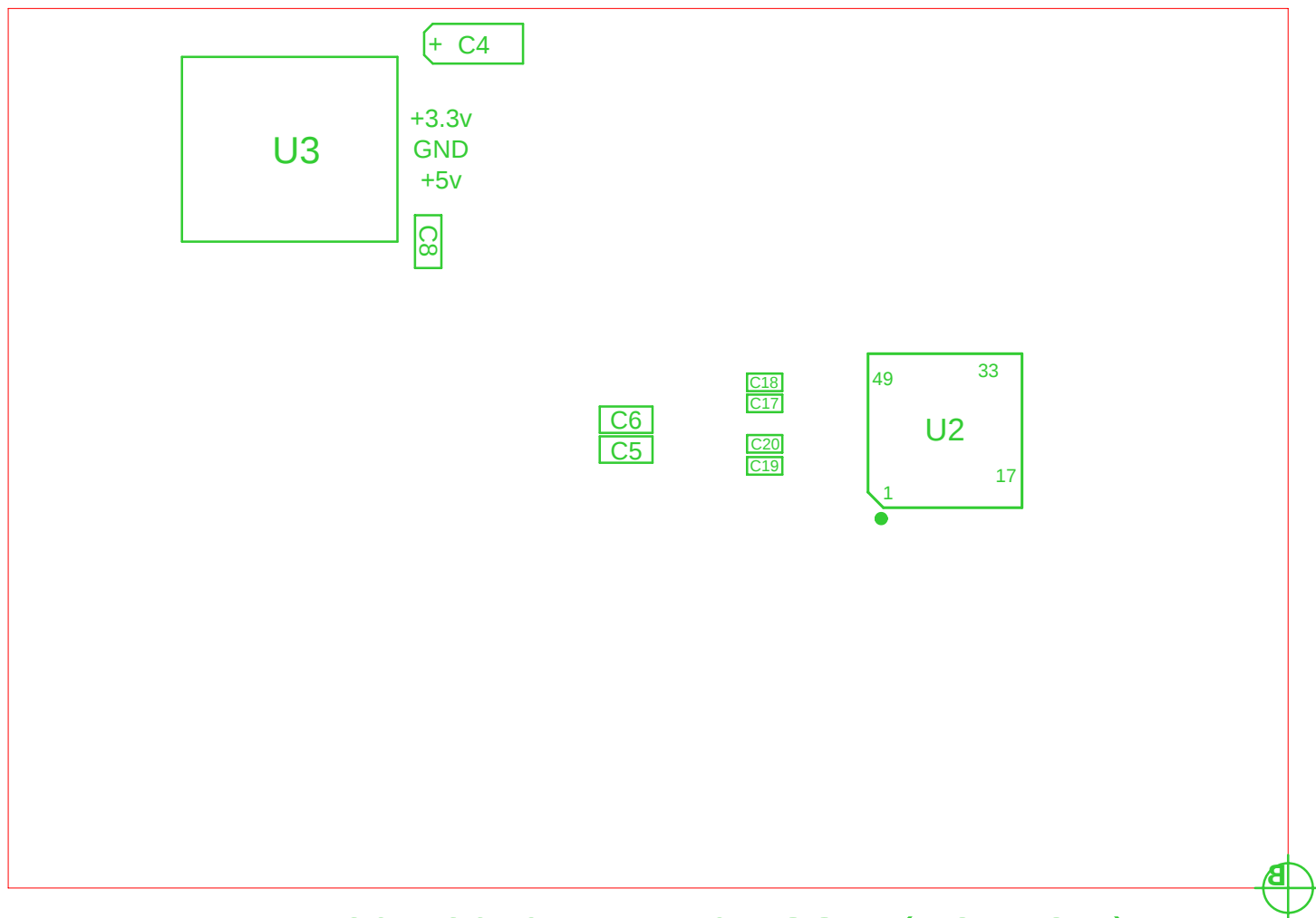




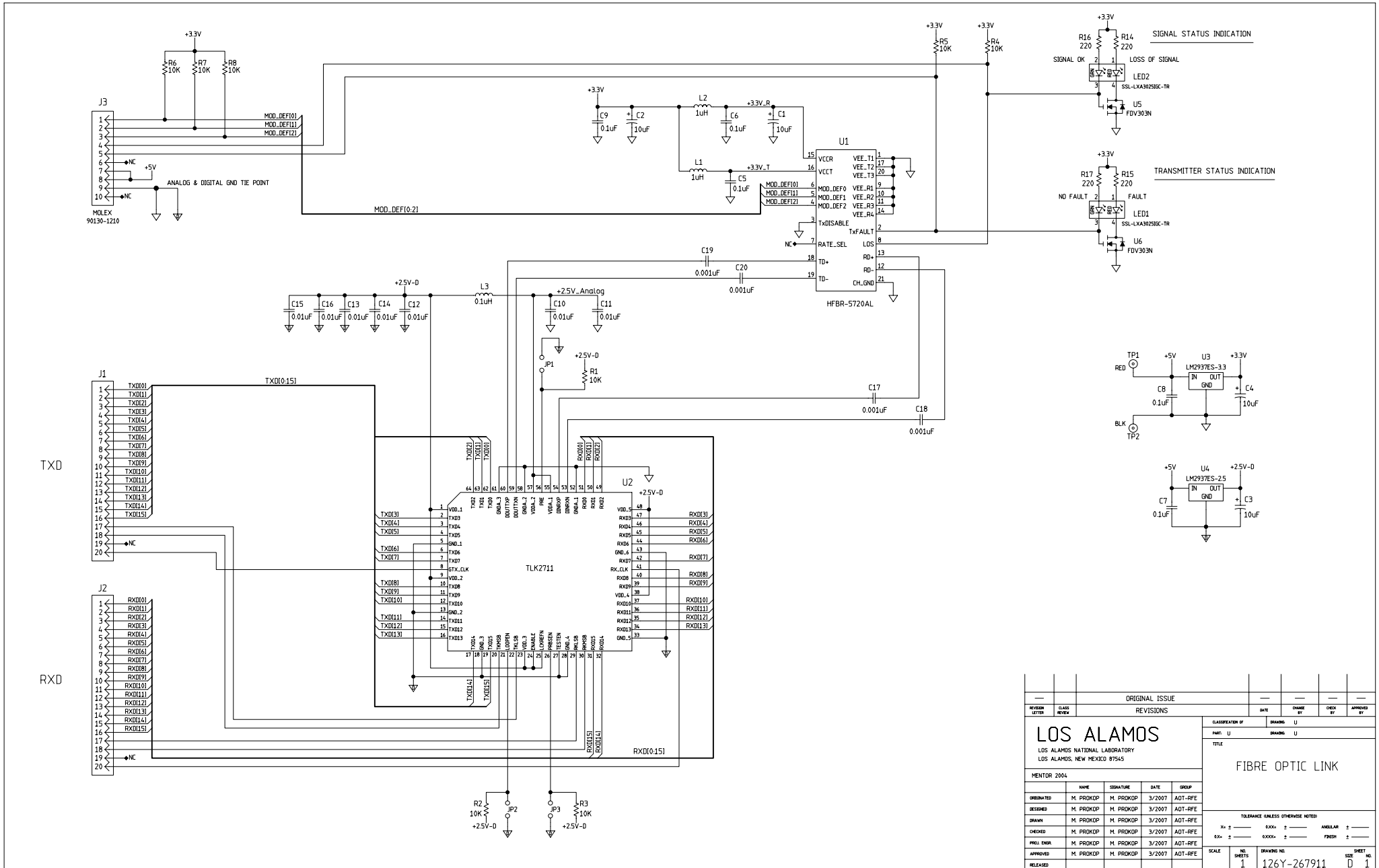
126Y-267911 REV0 ASSY. (TOP)



126Y-267911 REV0 ASSY. (BOTTOM)

FIBRE OPTIC LINK (BOM) #126Y-267911 REV0 4-19-2007

ITEM	QTY	REF DES	DESCRIPTION	VENDOR	VALUE	FOOTPRINT	PART NO
1	4	C1-C4	CAPACITOR,35V,TANTALUM CHIP	KEMET	10uF	C3216	CWR11MH102KB
2	5	C5-C9	CAPACITOR,50V,CHIP	KEMET	0.1uF	603	C0603C104K5RAC
3	7	C10-C16	CAPACITOR,50V,CHIP	KEMET	0.01uF	603	C0603C105K5RAC
4	4	C17-C20	CAP 25V CHIP (1000pF)	PANASONIC	0.001uF	402	ECJ-0EB1E102K
5	2	J1-J2	CONNECTOR,HEADER,2 ROW,20PIN	BERG ELEC		J20HD2	89F4689
6	1	J3	10 PIN SHROUDED HEADER	MOLEX		C-GRID3_10P	90130-1210
7	3	JP1-JP3	JUMPER, 2 PIN	BERGSTICK		BERG2	68040
8	2	L1-L2	INDUCTOR, 1.0UH	JW MILLER	1uH	PM1812	PM1812-1ROJ-RC
9	1	L3	INDUCTOR, 100nH	TAIYO YUDEN	0.1uH	1608	HK1608R10J-T
10	2	LED1-LED2	DUAL RED/GRN LED	LUMEX		3x2.5mm_LUMEX_LED	SSL-LXA3025IGC-TR
11	8	R1-R8	RESISTOR,1/16W,1%,CHIP	DALE	10K	603	CRCW06031002FRT1
12	4	R14-R17	RESISTOR,1/16W,5%,CHIP	PANASONIC	220	603	ERJ-3GEYJ221V
13	1	TP1	RED MINI TEST POINT	KEYSTONE		KEYSTONE_MINI_TP	5000
14	1	TP2	BLACK MINI TEST POINT	KEYSTONE		KEYSTONE_MINI_TP	5001
15	1	U1	Optical Transciever	Agilent		HFBR-5720	HFBR-5720AL
16	1	U2	1.6 TO 2.7 GBPS TRANSCEIVER	TI		64_5MMSP_472W_THERMAL_17	TLK2711
17	1	U3	POS. LDO REG. 500ma	NATIONAL SEMI.		TO-263_LEE	LM2937ES-3.3
18	1	U4	POS. LDO REG. 500ma	NATIONAL SEMI.		TO-263_LEE	LM2937ES-2.5
19	2	U5-U6	DIGITAL FET, N-CHANNEL	FAIRCHILD		SOT23	FDV303N
Total Parts Used: 51							



ORIGINAL ISSUE				REVISIONS			
REVISION LETTER	CLASS	REVISION	DATE	CHANGED BY	CHECK BY	APPROVED BY	
LOS ALAMOS				CLASSIFICATION OF			
LOS ALAMOS NATIONAL LABORATORY				PART: UJ			
LOS ALAMOS, NEW MEXICO 87545				DRAWING: UJ			
TITLE				FIBRE OPTIC LINK			
MENTOR 2004				TOLERANCE UNLESS OTHERWISE NOTED			
DESIGNED	M. PROKOP	M. PROKOP	3/2007	ADT-RFE			
DRAWN	M. PROKOP	M. PROKOP	3/2007	ADT-RFE			
CHECKED	M. PROKOP	M. PROKOP	3/2007	ADT-RFE			
PROJ. ENGR.	M. PROKOP	M. PROKOP	3/2007	ADT-RFE			
APPROVED	M. PROKOP	M. PROKOP	3/2007	ADT-RFE			
RELEASED							
SCALE				DRAWING NO.			
1				126Y-267911			
NO. SHEETS				SHEET			
1				D 1			

