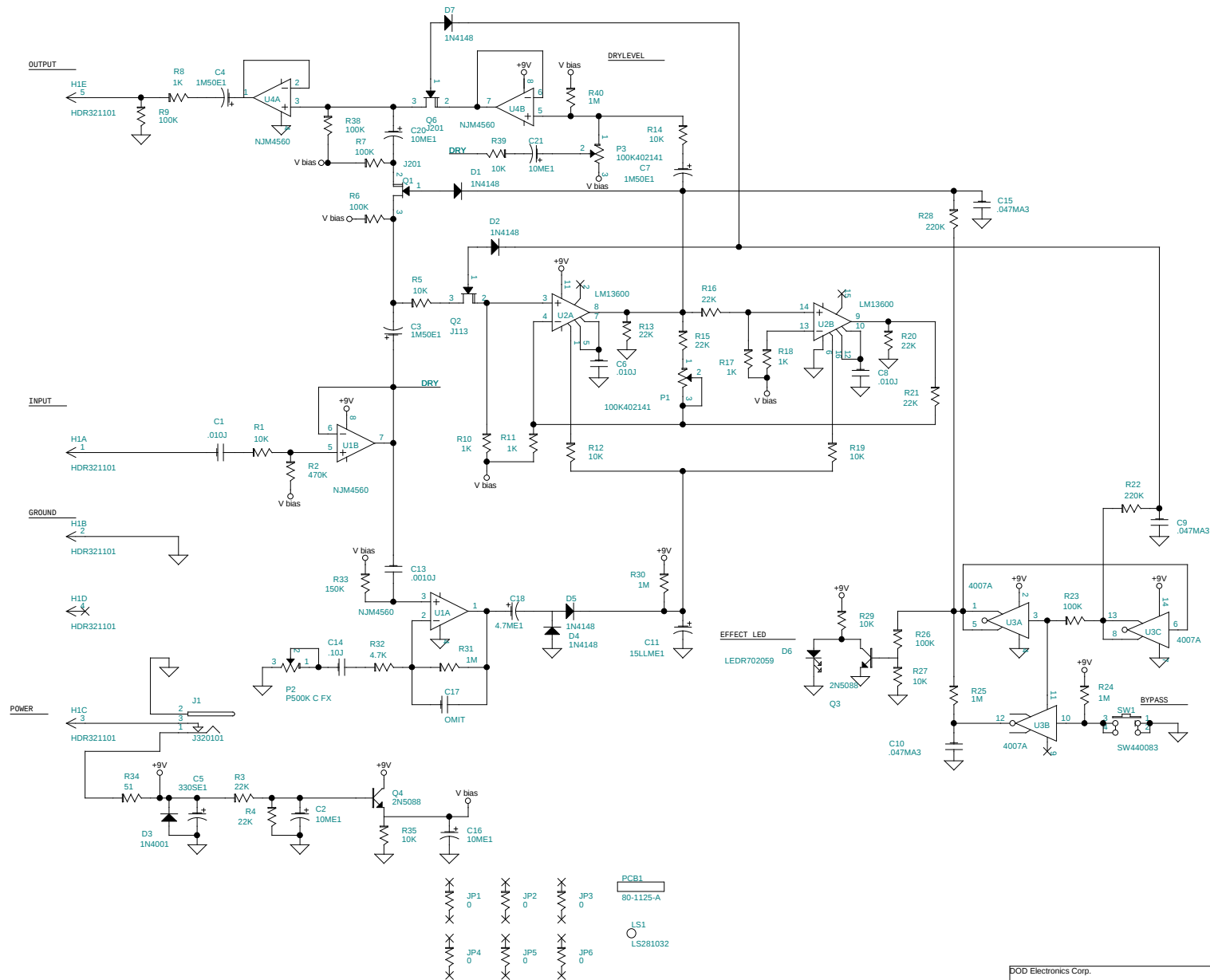




&l0 (s0P (s15H (s8V (s0S &l6D &l66P &l3E &a7L &a120M &l61FD0D Software

Page 1

FX25B ENVELOPE FILTER

1025A0.SCH

Bill Of Materials

Quan Reference

January
PartRevised: January 26, 1998
Revision: A0
10:11:27
SYMAN Description

3	C1, C6, C8	.010J	56-0006	.010	uF Cap	50V 5% Poly Film	103J ammo
4	C2, C16, C20, C21	10ME1	60-0049-01	10	uF Cap	16V -20/+20%	Elect., -D Ammo
3	C3, C4, C7	1M50E1	60-0044-01	1.0	uF Cap	50V -20/+20%	Elect., T&R C&F
1	C5	330SE1	le				
3	C9, C10, C15	.047MA3	62-0067	0.047	uF Cap	50V 20%	Axial Monolithic
1	C11	15LLME1	60-0052-01	15	uF Cap	16V 20%	Elect., LL T&R
1	C13	.0010J	56-0000	.0010	uF Cap	50V 5% Poly Film	102J ammo
1	C14	.10J	56-0012	.10	uF Cap	50V 5% Stacked Metal	Pet 104J ammo
1	C17	OMIT	00-0000				This part has been omitted
1	C18	4.7ME1	60-0048-01	4.7	uF Cap	16V -20/+20%	Elect., T&R
5	D1, D2, D4, D5, D7	1N4148	70-0002	1N4148	Diode Silicon	Switching,	75 Volts PIV
1	D3	1N4001	70-0001	1N4001	Silicon Rectifier,	1 Amp,	50 Volts PIV
1	D6	LED702059	70-2059		LED Red,	T1.75 0Case	
1	H1	HDR321101	32-1101	5	Pin Header,	2mm spacing,	0.025" sq pins, Locking
1	J1	J320101	32-0101		Barrel Jack,	Hor. PCB Mount,	2.0 x 5.5 x 10mm
6	JP1, JP2, JP3, JP4, JP5, JP6	0	50-0050	0	Ohm Resistor	5% 1/4	Watt Carbon Film
1	LS1	LS281032	28-1032-A		FX'96 Lexon LED Standoff,	Component .450"X .410"	
2	P1, P3	100K402141	40-2141	100	K "W"	16mm, Rot Pot,	15mm D Shaft, V. Mount, bent leads
1	P2	P500K C FX	40-2007	500	K "C"	16mm, Rot Pot,	15mm K Shaft, V. Mount, bent leads
1	PCB1	80-1125-A	X25B MAIN				
2	Q1, Q6	J201	70-1015	J201A	JFET, N-Channel		
1	Q2	J113	70-1011	J113A	JFET, N-Channel ,	RDS(on) <80 Ohm, VGS(off)	
2	Q3, Q4	2N5088	70-1007	2N5088	NPN, Transistor,	T&R	
9	R1, R5, R12, R14, R19, R27, R29, R35, R39	10K	50-0020	10	KOhm Resistor	5% 1/4	Watt Carbon Film
1	R2	470K	50-0042	470	KOhm Resistor	5% 1/4	Watt Carbon Film
7	R3, R4, R13, R15, R16, R20, R21	22K	50-0025	22	KOhm Resistor	5% 1/4	Watt Carbon Film
6	R6, R7, R9, R23, R26, R38	100K	50-0036	100	KOhm Resistor	5% 1/4	Watt Carbon Film
5	R8, R10, R11, R17, R18	1K	50-0012	1	KOhm Resistor	5% 1/4	Watt Carbon Film
2	R22, R28	220K	50-0040	220	KOhm Resistor	5% 1/4	Watt Carbon Film
5	R24, R25, R30, R31, R40	1M	50-0045	1	MOhm Resistor	5% 1/4	Watt Carbon Film
1	R32	4.7K	50-0015	4.7	KOhm Resistor	5% 1/4	Watt Carbon Film
1	R33	150K	50-0038	150	KOhm Resistor	5% 1/4	Watt Carbon Film
1	R34	51	50-0002	51	Ohm Resistor	5% 1/4	Watt Carbon Film
1	SW1	SW440083	44-0083		Lite Touch Switch,	Mini	
2	U1, U4	NJM4560	72-4059		NJM4560 Dual Op-Amp		
1	U2	LM13600	72-4074		Dual Transconduct .AMP		
1	U3	4007A	72-0032		Dual CMOS Transistor Pair Plus CMOS Inverter		