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FX69 GRUNGE

0069A0.SCH

Bill Of Materials

Quan Reference

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SYMAN

Description

2	C1,C5	120PKD1	62-0002	120	pF	Cap	50V	10%	Ceramic Disc T&R
8	C2,C8,C15,C16,C22,C26, C30,C31	.047MA3	62-0067	0.047	uF	Cap	50V	20%	Axial Monolithic
1	C3	1M50E1	60-0044-01	1.0	uF	Cap	50V	-20/+20%	Elect., T&R C&F
2	C4,C9	.033J	56-0009	.033	uF	Cap	50V	5% Poly Film	333J ammo
1	C6	.027J	56-0033	.027	uF	Cap	50V	5% Poly Film	273J ammo
1	C7	.010J	56-0006	.010	uF	Cap	50V	5% Poly Film	103J ammo
3	C11,C12,C27	10ME1	60-0049-01	10	uF	Cap	16V	-20/+20%	Elect.,-D Ammo
4	C14,C28,C29,C32	.22LLM50E1	60-0039-01	.22	uF	Cap	16V	-20/+20%	Elect, LL-D T&R
1	C17	1NPME1	60-0046-01	1.0	uF	Cap	16V	-20/+20%	Elect., N.P. T&R
2	C18,C23	50PJD1	62-0008	50	pF	Cap	50V	5%	Ceramic Disc T&R
1	C19	.015J	56-0007	.015	uF	Cap	50V	5% Poly Film	153J ammo
2	C20,C10	.0010J	56-0000	.0010	uF	Cap	50V	5% Poly Film	102J ammo
1	C21	1.5M25T1	62-0164	1.5	uF	Cap	25V	20%	Tantalum T&R
1	C24	.0082J	56-0030	.0082	uF	Cap	50V	5% Poly Film	822J ammo
1	C25	.33K35T	62-0160	.33	uF	Cap	35V	10%	Tantalum
2	C33,C34	330SE4	60-0056-01	330	uF	Cap	16V	-20/+80%	Elect-L
5	D1,D2,D3,D4,D6	1N4148	70-0002	1N4148	Diode	Silicon Switching,	75	Volts PIV	
1	D7	1N4001	70-0001	1N4001	Silicon Rectifier,	1	Amp,	50	Volts PIV
1	D8	LED702059	70-2059	LED Red,	T1.75	0Case			
1	H1	HDR321101	32-1101	5	Pin Header,	2mm	spacing,	0.025"	sq pins, Locking
1	H2	PA1	00-0000	1	Pin Pad Pattern,	Not a	part		
1	J1	J320101	32-0101	Barrel Jack,	Hor. PCB Mount,	2.0	x 5.5	x 10mm	
8	JP1,JP2,JP3,JP4,JP5,JP6, JP7,JP8	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"	
4	P1,P2,P3,P4	100K402141	40-2141	100	K "W"	16mm,	Rot Pot,	15mm	D Shaft, V. Mount, bent leads
1	PCB1	80-1069-A	1e						
4	Q1,Q2,Q4,Q10	J201	70-1015	J201A	JFET,	N-Channel			
6	Q3,Q5,Q6,Q7,Q8,Q9	2N5088	70-1007	2N5088	NPN,	Transistor,	T&R		
16	R1,R3,R4,R10,R13,R14,R16, R21,R23,R30,R31,R35,R38, R50,R53,R54	10K	50-0020	10	KOhm Resistor	5%	1/4	Watt Carbon Film	
3	R2,R27,R28	1M	50-0045	1	MOhm Resistor	5%	1/4	Watt Carbon Film	
13	R5,R7,R8,R15,R22,R26,R29, R32,R42,R47,R48,R49,R52	100K	50-0036	100	KOhm Resistor	5%	1/4	Watt Carbon Film	
3	R9,R19,R36	47K	50-0030	47	KOhm Resistor	5%	1/4	Watt Carbon Film	
3	R11,R18,R44	2K	50-0013	2	KOhm Resistor	5%	1/4	Watt Carbon Film	
3	R12,R25,R45	220K	50-0040	220	KOhm Resistor	5%	1/4	Watt Carbon Film	
1	R17	470	50-0006	470	Ohm Resistor	5%	1/4	Watt Carbon Film	
2	R20,C13	OMIT	00-0000	This part has been omitted					
1	R33	3.3K	50-0014	3.3	KOhm Resistor	5%	1/4	Watt Carbon Film	
2	R34,R41	1K	50-0012	1	KOhm Resistor	5%	1/4	Watt Carbon Film	
1	R37	330	50-0005	330	Ohm Resistor	5%	1/4	Watt Carbon Film	
1	R39	470K	50-0042	470	KOhm Resistor	5%	1/4	Watt Carbon Film	
2	R40,R43	22K	50-0025	22	KOhm Resistor	5%	1/4	Watt Carbon Film	
2	R51,R55	100	50-0003	100	Ohm Resistor	5%	1/4	Watt Carbon Film	
1	SW1	SW440083	44-0083	Lite Touch Switch, Mini					
3	U1,U2,U4	NJM4560	72-4059	NJM4560 Dual Op-Amp					
1	U3	4007A	72-0032	Dual CMOS Transistor Pair Plus CMOS Inverter					
1	W1	W361034	36-1034	Wire, 2 End, 3.00", Green, 26AWG PVC					