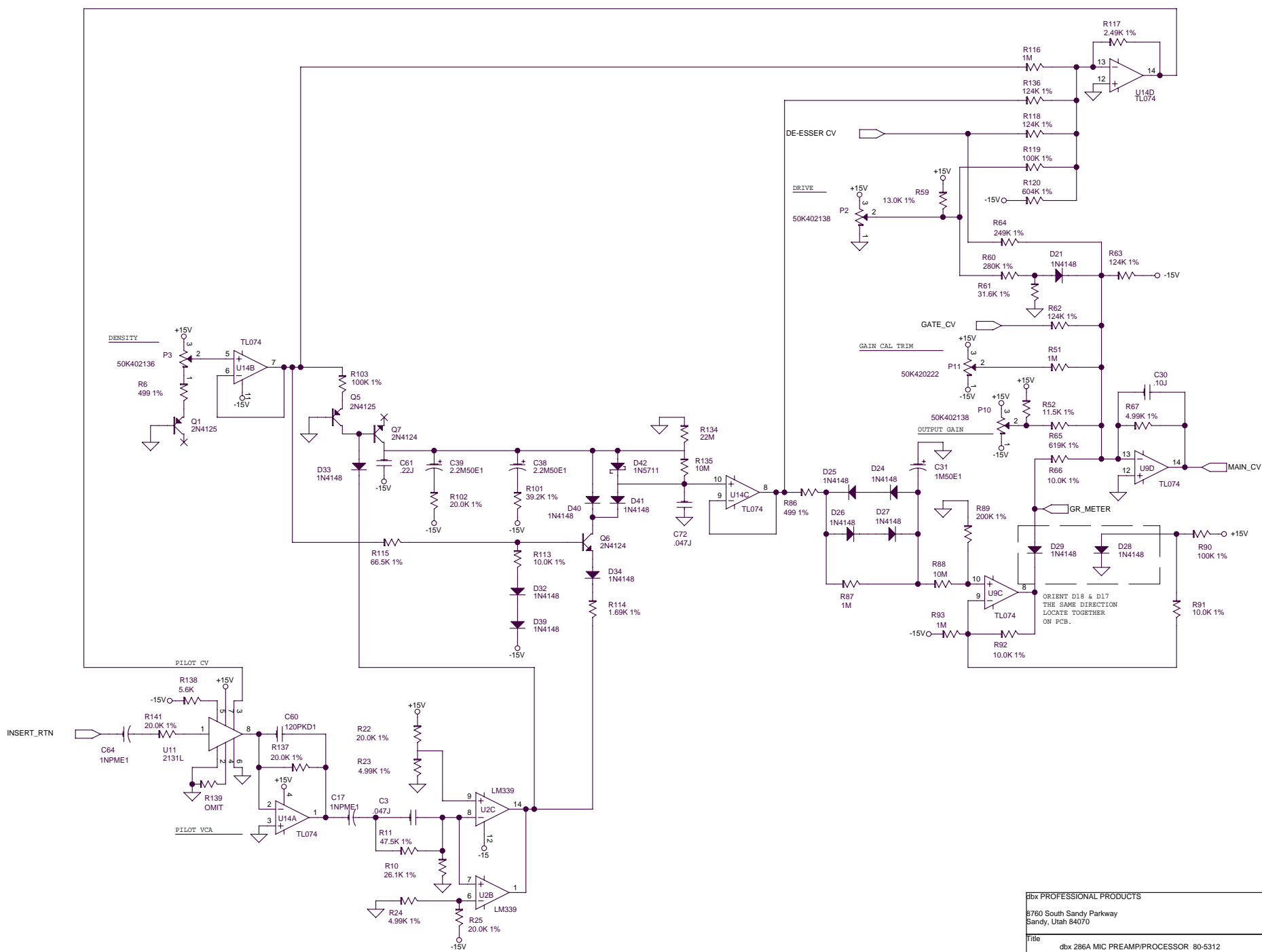
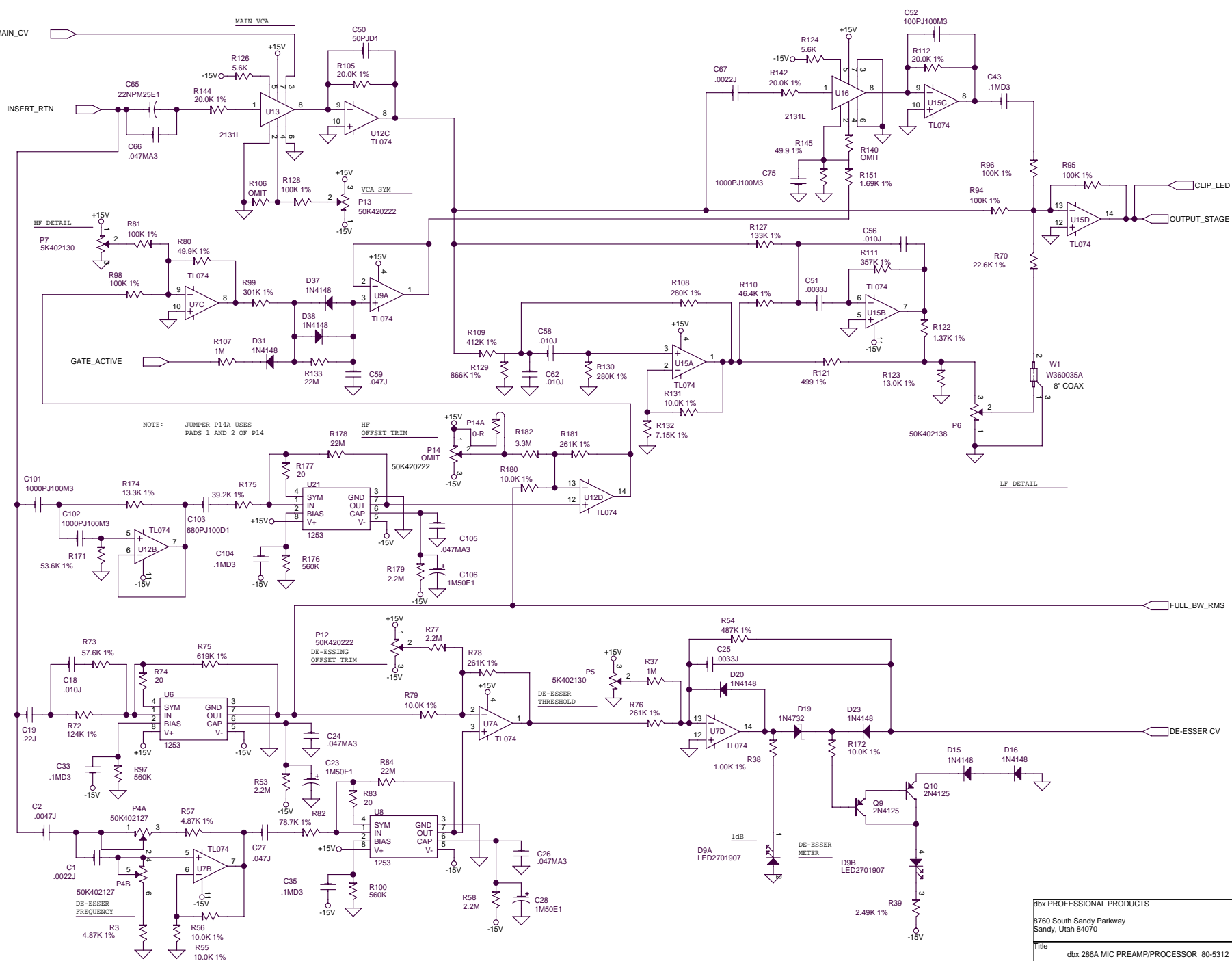


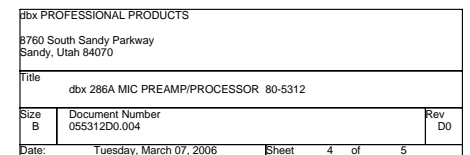
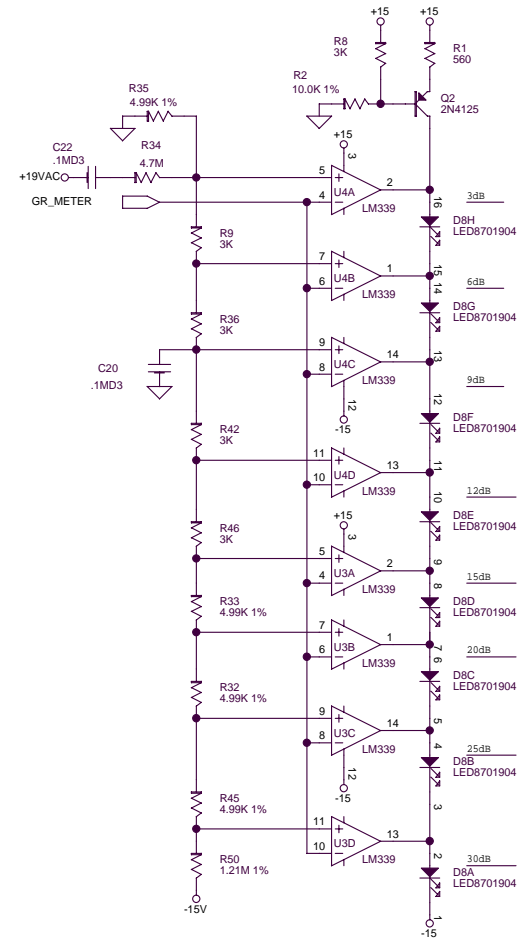
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8760 South Sandy Parkway Sandy, Utah 84070		
Title dbx 286A MIC PREAMP/PROCESSOR 80-5312		
Size B	Document Number 055312D0.001	Rev D0
Date:	Tuesday, March 07, 2006	Sheet 1 of 5

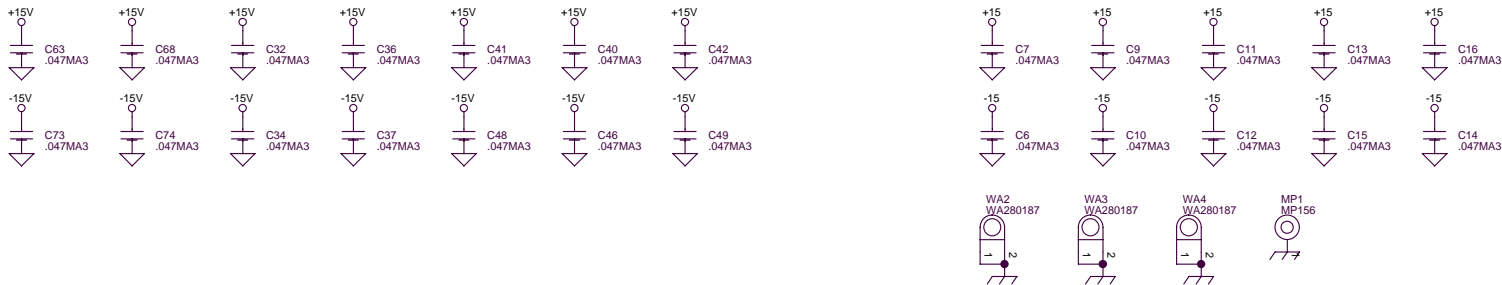
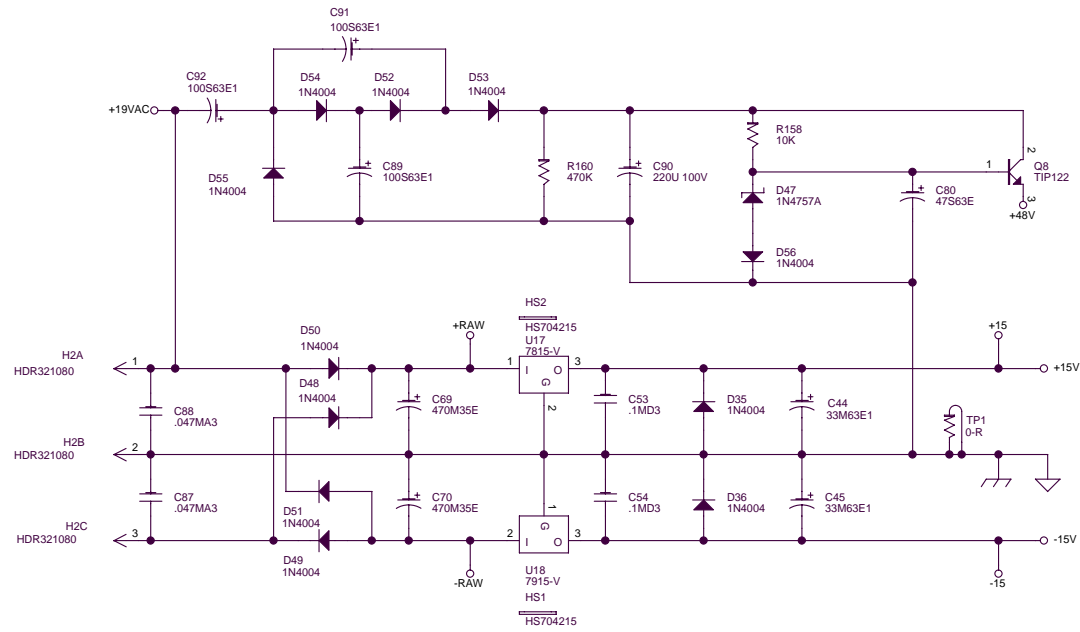
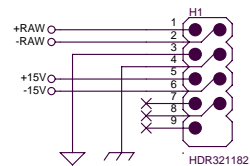


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Title		
dbx 286A MIC PREAMP/PROCESSOR 80-5312		
Size	Document Number	Rev
B	055312D0.002	D0
Date:	Tuesday, March 07, 2006	Sheet 2 of 5



dbx PROFESSIONAL PRODUCTS		
8760 South Sandy Parkway Sandy, Utah 84070		
Title dbx 286A MIC PREAMP/PROCESSOR 80-5312		
Size B	Document Number 055312D0.003	Rev D0
Date:	Tuesday, March 07, 2006	Sheet 3 of 5





PCB1
80-5312

SC1
SC340125

SC2
SC340125

SC3
SC340125

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8760 South Sandy Parkway Sandy, Utah 84070		
Title dbx 286A MIC PREAMP/PROCESSOR 80-5312		
Size B	Document Number 055312D0.005	Rev D0
Date:	Tuesday, March 07, 2006	Sheet 5 of 5

DOD Software
dbx 286A MIC PREAMP/PROCESSOR 80-5312 Revised: March 1, 2006
055312D0.000 Revision: D0
Bill Of Materials March 2, 2006 15:03:03
Quan Reference Part SYMAN Description

2	C1,C67	.0022J	56-0002	.0022 uF Cap	50V 5% Poly Film 222J ammo	
1	C2	.0047J	56-0004	.0047 uF Cap	50V 5% Poly Film 472J ammo	
4	C3,C27,C59,C72	.047J	56-0010	.047 uF Cap	50V 5% Stacked Metal Pet 473J ammo	
34	C4,C6,C7,C9,C10,C11,C12,C13,C14,C15,C16,C24,C26,C32,C34,C36,C37,C40,C41,C42,C46,C48,C49,C63,C66,C68,C73,C74,C81,C84,C86,C87,C88,C105	.047MA3	62-0067	0.047 uF Cap	50V 20% Axial Monolithic	
3	C5,C65,C82	22NPM25E1	60-0402	22 uF Cap	25V -20/+20% Elect. NP , T&R	
10	C8,C20,C21,C22,C33,C35,C43,C53,C54,C104	.1MD3	62-0060	.1 uF Cap	50V 20% Ceramic AXL	
2	C17,C64	1NPME1	60-0046-01	1.0 uF Cap	16V -20/+20% Elect., N.P. T&R	
4	C18,C56,C58,C62	.010J	56-0006	.010 uF Cap	50V 5% Poly Film 103J ammo	
2	C19,C61	.22J	56-0014	.22 uF Cap	50V 5% Stacked Metal Pet 224J ammo	
4	C23,C28,C31,C106	1M50E1	60-0044-01	1.0 uF Cap	50V -20/+20% Elect., T&R C&F	
2	C25,C51	.0033J	56-0003	.0033 uF Cap	50V 5% Poly Film 332J ammo	
1	C29	.022J	56-0008	.022 uF Cap	50V 5% Poly Film 223J ammo	
4	C30,C47,C55,C57	.10J	56-0012	.10 uF Cap	50V 5% Stacked Metal Pet 104J ammo	
2	C38,C39	2.2M50E1	60-0400	2.2 uF Cap	50V -20/+20% Elect. Rad, T&R	
2	C44,C45	33M63E1	60-0324	33 uF Cap	63V -20/+20% Elect. Rad, T&R	
3	C50,C78,C79	50PJD1	62-0008	50 pF Cap	50V 5% Ceramic Disc T&R	
1	C52	100PJ100M3	62-3080	100 pF Cap	100V 5% Ceramic AXL, NPO	
3	C60,C95,C96	120PKD1	62-0002	120 pF Cap	50V 10% Ceramic Disc T&R	
2	C69,C70	470M35E	60-0060	470 uF Cap	35V -20/+20% Elect-S	
6	C71,C83,C85,C89,C91,C92	100S63E1	60-1034	100 uF Cap	63V -20/+80% Elect Alum Rad T&R	
3	C75,C101,C102	1000PJ100M	62-0061	1000 pF Cap	100V 5% Ceramic AXL, NPO	
1	C76	470PMD1	62-0003	470 pF Cap	50V 20% Ceramic Disc T&R	
1	C77	1000ME	60-0064	1000 uF Cap	16V -20/+20% Elect	
1	C80	47S63E	60-0301	47 uF Cap	63V -20/+80% Elect	
1	C90	220U 100V	60-0303	220 uF Cap	100V -20/+80% Elect	
6	C93,C94,C97,C98,C99,C100	820PMD1	62-0005	820 pF Cap	50V 20% Ceramic Disc T&R	
1	C103	680PJ100D1	62-3087	680 pF Cap	100V 5% Ceramic Disc Ammo T&R	
1	D1	LED4701906	70-1906	LED ARRAY, 2Gn/Yl/Rd,	RT. ANGLE, anti-tip housing	
1	D5	LEDY701901	70-1901	LED Yellow,	RT. ANGLE, anti-tip housing	
1	D6	LEDG701900	70-1900	LED Green,	RT. ANGLE, anti-tip housing	
2	D7,D13	LEDR701902	70-1902	LED Red,	RT. ANGLE, anti-tip housing	
1	D8	LED8701904	70-1904	LED ARRAY, RED 8 POS,	RT. ANGLE, anti-tip housing	
1	D9	LED2701907	70-1907	LED ARRAY, Gn/Rd,	RT. ANGLE, anti-tip housing	
1	D11	LED2701908	70-1908	LED ARRAY, Rd/Gn,	RT. ANGLE, anti-tip housing	
27	D14,D15,D16,D20,D21,D22,D23,D24,D25,D26,D27,D28,D29,D30,D31,D32,D33,D34,D37,D38,D39,D40,D41,D43,D44,D45,D46	1N4148	70-0002	1N4148	Diode Silicon Switching, 75 Volts PIV	
1	D19	1N4732	70-0158	1N4732	Diode Zener Glass, 1W, 4.7V, 10%	
11	D35,D36,D48,D49,D50,D51,D52,D53,D54,D55,D56	1N4004	70-0009	1N4004	Rect 1A 400V	
1	D42	1N5711	70-0163	1N5711	Signal Hot Carrier (5082-2800)	
1	D47	1N4757A	70-0160	1N4757A	Diode Zener Glass, 1W, 51V, 5%	
1	H1	HDR321182	32-1182	9 Pin Hdr, 5X2, Straight, .23", 0.1" spacing		
1	H2	HDR321080	32-1080	3 Pin Header, 0.1" spacing, 0.025" sq pins, Locking		

Page

DOD Software
dbx 286A MIC PREAMP/PROCESSOR 80-5312 Revised: March 1, 2006
055312D0.000 Revision: D0
Bill Of Materials March 2, 2006 15:03:03
Quan Reference Part SYMAN Description

2	HS1,HS2	HS704215	70-4215	Heatsink, PCB Mount, Vert., for TO-220	
1	J1	J320206	32-0206	XLR Female, R/A PC Mount Latching A Series	
3	J2,J3,J4	J320119	32-0119	1/4 Phone Jack, Hor. Mount, Full Nose Thread Slimline	
1	MP1	MP156	00-0000	This is not a part	
1	P1	5K402131	40-2131	5 K "5C" 16mm, Rot Pot, 15mm D shaft, 41 Click	
4	P2,P6,P8,P10	50K402138	40-2138	50 K "B" 16mm, Rot Pot, 15mm D shaft, 41 Click	
1	P3	50K402136	40-2136	50 K "A" 16mm, Rot Pot, 15mm D shaft, 41 Click	
1	P4	50K402127	40-2127	50 K "C" 16mm, Rot Pot X2, 15mm D shaft, 41 Click	
3	P5,P7,P9	5K402130	40-2130	5 K "C" 16mm, Rot Pot, 15mm D shaft, 41 Click	
3	P11,P12,P13	50K420222	42-0222	50 K Trim Pot, Vertical Mount, 3/4 turn	
4	P14,R106,R139,R140	OMIT	00-0000	This part has been omitted	
1	PCB1	80-5312	80-5312	dbx 286A MAIN PCB, RAW	
5	Q1,Q2,Q5,Q9,Q10	2N4125	70-1008	2N4125 PNP, Gen. Purp. Amplifier/Switching Xstr	
4	Q3,Q4,Q6,Q7	2N4124	70-1009	2N4124 NPN, Gen. Purp. Amplifier/Switching Xstr T&R	
1	Q8	TIP122	70-1052	TIP122 NPN, POWER	
1	R1	560	50-0193	560 Ohm Resistor 5% 1/4 Watt Carbon Film	
12	R2,R55,R56,R66,R79,R91,R92,R113,R125,R131,R172,	10.0K 1%	52-0107	10.0 KOhm Resistor 1% 1/4 Watt Metal Film	

DOD Software			
dbx 286A MIC PREAMP/PROCESSOR	80-5312	Revised:	March 1, 2006
055312D0.000		Revision: D0	
Bill Of Materials	March 2, 2006	15:03:03	
Quan Reference	Part	SYMAN	Description

4	R53,R58,R77,R179	2.2M	50-0282	2.2	MOhm Resistor	5%	1/4	Watt	Carbon Film
1	R54	487K 1%	52-0239	487	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R59,R123	13.0K 1%	52-0101	13.0	KOhm Resistor	1%	1/4	Watt	Metal Film
3	R60,R108,R130	280K 1%	52-0262	280	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R61	31.6K 1%	52-0077	31.6	KOhm Resistor	1%	1/4	Watt	Metal Film
5	R62,R63,R72,R118,R136	124K 1%	52-0296	124	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R64	249K 1%	52-0267	249	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R65,R75	619K 1%	52-0229	619	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R70	22.6K 1%	52-0088	22.6	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R73	57.6K 1%	52-0018	57.6	KOhm Resistor	1%	1/4	Watt	Metal Film
3	R74,R83,R177	20	50-0157	20	Ohm Resistor	5%	1/4	Watt	Carbon Film
3	R76,R78,R181	261K 1%	52-0265	261	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R80	49.9K 1%	52-0020	49.9	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R82	78.7K 1%	52-0071	78.7	KOhm Resistor	1%	1/4	Watt	Metal Film
4	R84,R133,R134,R178	22M	50-0307	22	MOhm Resistor	5%	1/4	Watt	Carbon Film
1	R85	3.9M	50-0048	3.9	MOhm Resistor	5%	1/4	Watt	Carbon Film
2	R88,R135	10M	50-0060	10M	MOhm Resistor	5%	1/4	Watt	Carbon Film
1	R89	200K 1%	52-0276	200	KOhm Resistor	1%	1/4	Watt	Metal Film
3	R97,R100,R176	560K	50-0269	560	KOhm Resistor	5%	1/4	Watt	Carbon Film
1	R99	301K 1%	52-0259	301	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R101,R175	39.2K 1%	52-0079	39.2	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R104	40.2K 1%	52-0078	40.2	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R109	412K 1%	52-0247	412	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R110	46.4K 1%	52-0022	46.4	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R111	357K 1%	52-0252	357	KOhm Resistor	1%	1/4	Watt	Metal Film
2	R114,R151	1.69K 1%	52-0192	1.69	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R115	66.5K 1%	52-0014	66.5	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R120	604K 1%	52-0230	604	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R122	1.37K 1%	52-0130	1.37	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R127	133K 1%	52-2189	133	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R129	866K 1%	52-0215	866	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R132	7.15K 1%	52-0113	7.15	KOhm Resistor	1%	1/4	Watt	Metal Film
4	R143,R161,R162,R163	10	50-0001	10	Ohm Resistor	5%	1/4	Watt	Carbon Film
7	R145,R152,R166,R167,R168,R169,R170	49.9 1%	52-2006	49.9	Ohm Resistor	1%	1/4	Watt	Metal Film
2	R157,R159	28.0K 1%	52-0035	28.0	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R158	10K	50-0020	10	KOhm Resistor	5%	1/4	Watt	Carbon Film
1	R160	470K	50-0042	470	KOhm Resistor	5%	1/4	Watt	Carbon Film
1	R171	53.6K 1%	52-0064	53.6	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R174	13.3K 1%	52-0053	13.3	KOhm Resistor	1%	1/4	Watt	Metal Film
1	R182	3.3M	50-0049	3.3	MOhm Resistor	5%	1/4	Watt	Carbon Film
3	SC1,SC2,SC3	SC340125	34-0125	Switch Cap, Black					
3	SW1,SW2,SW3	SW440050	44-0050	Mini In/Out DPDT Switch (6 Pin) E-Switch					

055312D0.PLS

2	TP1,P14A	0-R	50-0317	0	Ohm Resistor	5%	1/4	Watt Carbon Film Radial T&R
5	U1,U2,U3,U4,U5	LM339	72-4053		Quad Comparator			
3	U6,U8,U21	1253	72-4067		RMS Detector,dbx	UPC1253HA2	NEC	
5	U7,U9,U12,U14,U15	TL074	72-4021		Quad JFet-Input Op-Amp			
1	U10	LM3046M	72-4331		LM3046M NPN Matched Transister Pairs	SM		
3	U11,U13,U16	2131L	72-0194		VCA, dbx V1B THAT	2131L		
1	U17	7815-V	70-4123		7815 +15 Volt	1 A	Voltage Regulator	TO-220 VERT
1	U18	7915-V	70-4124		7915 -15 Volt	1 A	Voltage Regulator	TO-220 VERT
1	U19	SSM2017	72-4251		Mic Pre-Amp			

DOD Software

Page

dbx 286A MIC PREAMP/PROCESSOR 80-5312 Revised: March 1, 2006

055312D0.000 Revision: D0

Bill Of Materials March 2, 2006 15:03:03

Quan	Reference	Part	SYMAN	Description
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1	U20	NE5532	72-4316	5532 Low Noise Dual Op-Amp
1	W1	W360035A	36-0035	8.5" Coax Cable
3	WA2,WA3,WA4	WA280187	28-0187-A	Washer, for grounding J320119