

<b>Date:</b> 4/5/02	<b>Project #:</b> 512	<b>Project Engineer:</b> Robert Boatright	<b>ECN #</b> 2028
<b>Product:</b> dbx PA	<b>Assy. Name:</b> dbxPA Main PCB	<b>Reason For Change:</b> Component value substitutions and removal of R&D headers from schematic/BOM.	
<b>Assy. Number:</b> 05-1790	<b>Revision:</b> A0	<b>To:</b> A1	

## Instructions:

Change value of R28, R29, R36, and R266 from 10KOhms 1% to 1KOhms 1%.

Remove 44 pin PLCC socket. Microprocessor will not be socketed in production.

Change all 10uF Electrolytic capacitors to 105°C, 50V.

Change CPLD JTAG header (P2) to an "omit" part.

Change DSP JTAG header (P21) to an "omit" part.

Change Power Supply Test Header (P7) to an "omit" part.

**** Delete ****		Quantity	
Item Description	Item #	From	To
SOCKET 44 PIN PLCC SM TA	70-3168	1	0
RES 10K 1% 1/16W SM 0603 TA	52-1338	42	38
10uF 50V 85°C	60-0090	2	0
1000uF 50V 85°C	60-0096	2	0
22uF 35V 85°C	60-0010	3	1
10uF 16V 85°C	60-0049-01	7	0
10uF 25V 85°C	60-0050-01	7	0
Header 5 Pin Vert .1"	32-1074	1	0
Header 9 Pin Vert .1"	32-1182	1	0
Header 14 Pin Vert .1"	32-1083	1	0

**** Add ****		Quantity	
Item Description	Item #	From	To
RES 1K 1% 1/16W SM 0603 TA	52-1313	11	15
01uF 50V 105°C	60-1074	0	18
1000uF 35V 105°C	60-1073	0	2

Reason for Change	Reason:	Effectivity / Priority	Priority:	Signatures	Date
Continuous Improvement	<input type="checkbox"/> CI	After Depletion of Current	<input type="checkbox"/> ADC	Engineering Manager	4/8/02
Cost Reduction	<input type="checkbox"/> CR	Next Job Release	<input checked="" type="checkbox"/> NJR	Materials	4/8/02
Component Substitution	<input checked="" type="checkbox"/> CS	(2 <sup>nd</sup> or 4 <sup>th</sup> Friday of Month)		Set Effectivity Below	4/8/02
Marketing Change	<input type="checkbox"/> MC	Rework Parts		Manufacturing Engineering	4/8/02
Manufacturing Release	<input type="checkbox"/> MR	On Order	<input type="checkbox"/> ROO	Project Engineer	4/8/02
Omission or Error	<input type="checkbox"/> OE	In Stock	<input type="checkbox"/> RIS	All Documents approved	4/8/02
Product Enhancement	<input type="checkbox"/> PE	In Process	<input type="checkbox"/> RIP	Effectivity	4/8/02
Regulatory Requirement	<input type="checkbox"/> RR	In Finished Goods	<input type="checkbox"/> RIF		
Software Update	<input type="checkbox"/> SU	Other: Explain	<input type="checkbox"/> OTH		
Specification Change	<input type="checkbox"/> SC				
Other:	<input type="checkbox"/> OTH				
See Attached Impact Sheet		Cost Δ	\$	ECN Distribution	4/9/02

ECN\_H April 21, 1998

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