

<b>Date:</b> 4/5/02	<b>Project #:</b> 512	<b>Project Engineer:</b> Robert Boatright	<b>ECN #</b> 2036
<b>Product:</b> dbx PA		<b>Reason For Change:</b> Component value substitutions.	
<b>Assy. Name:</b> dbxPA Main PCB			
	Assy		
<b>Assy. Number:</b> 05-1790			
<b>Revision:</b> A1	<b>To:</b> A2		

**Instructions:**  
 Change value of C131 from .1uF(62-1312) to 2.2uF (62-0000).  
 Change value of C126 from .1uF(62-1312) to 2.2uF (62-0000).  
 Install 100uF cap (60-0055) on front panel PCB at location P1. Install positive lead of cap to P1 pin 1; install negative lead of cap to P1 pin 3. After wave solder, capacitor will need to be "bent over".  
 Add 20 Ohm resistor (52-1300) at location R337 (previously an "omit" location) to brighten LCD backlight.

**** Delete ****		Quantity	
Item Description	Item #	From	To
CAP .1uF CER 16V 20% Y5V 0603	62-1310	95	93

**** Add ****		Quantity	
Item Description	Item #	From	To
CAP 2.2uF CER 6.3V	62-0000	0	2
CAP 100uF EL 25V 20% GP 6x11R 5LS TA	60-0055	3	4
Resistor 20 1% 1/16W SM 0603 TA	52-1300	0	1

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	4/15/02
Cost Reduction	<input type="checkbox"/> CR	Next Job Release	<input checked="" type="checkbox"/> NJR	Materials	4/15/02
Component Substitution	<input checked="" type="checkbox"/> CS	(2 <sup>nd</sup> or 4 <sup>th</sup> Friday of Month)		Set Effectivity Below	4/15/02
Marketing Change	<input type="checkbox"/> MC	Rework Parts		Manufacturing Engineering	4/15/02
Manufacturing Release	<input type="checkbox"/> MR	On Order	<input type="checkbox"/> ROO		
Omission or Error	<input type="checkbox"/> OE	In Stock	<input type="checkbox"/> RIS	Project Engineer	4/16/02
Product Enhancement	<input type="checkbox"/> PE	In Process	<input type="checkbox"/> RIP	All Documents approved	4/15/02
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			Effectivity	4/15/02
Other:	<input type="checkbox"/> OTH				
See Attached Impact Sheet		CostΔ \$		ECN Distribution	4/23/02

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