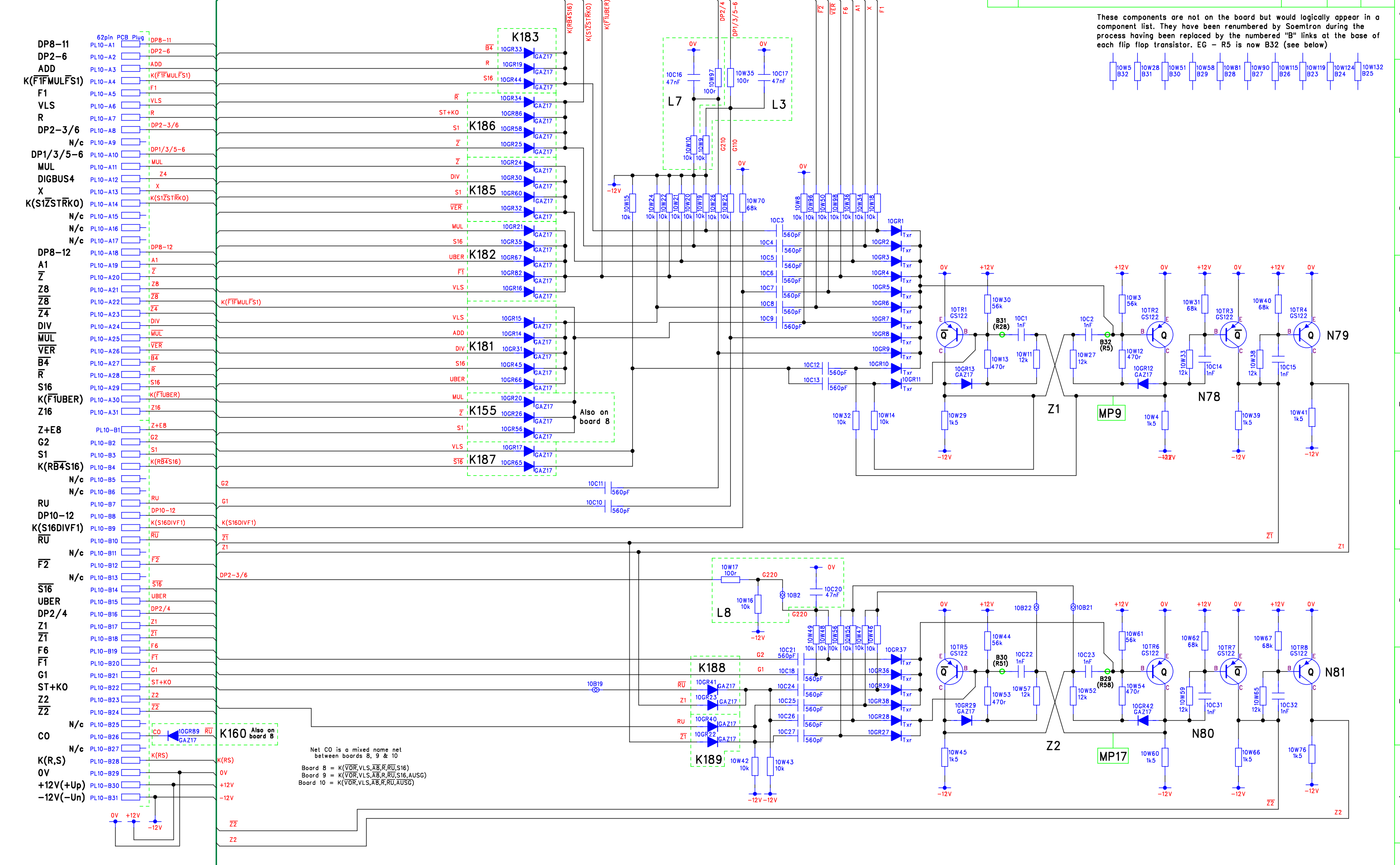
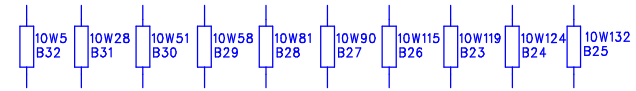


Comp side -  
 Solder side - 3042 05-220-7010-7 f  
 Date coded - 21/73

RevNo	Revision note	Date	By	Checked
-	-	-	-	-


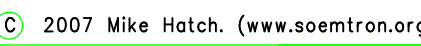


These components are not on the board but would logically appear in a component list. They have been renumbered by Soemtron during the process having been replaced by the numbered "B" links at the base of each flip flop transistor. EG - R5 is now B32 (see below)



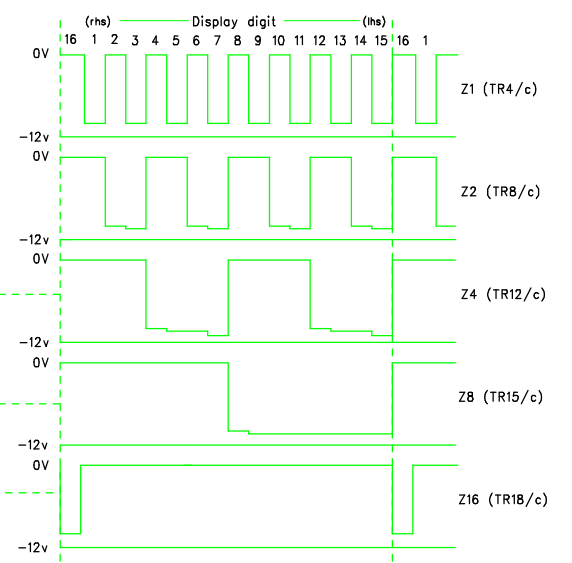
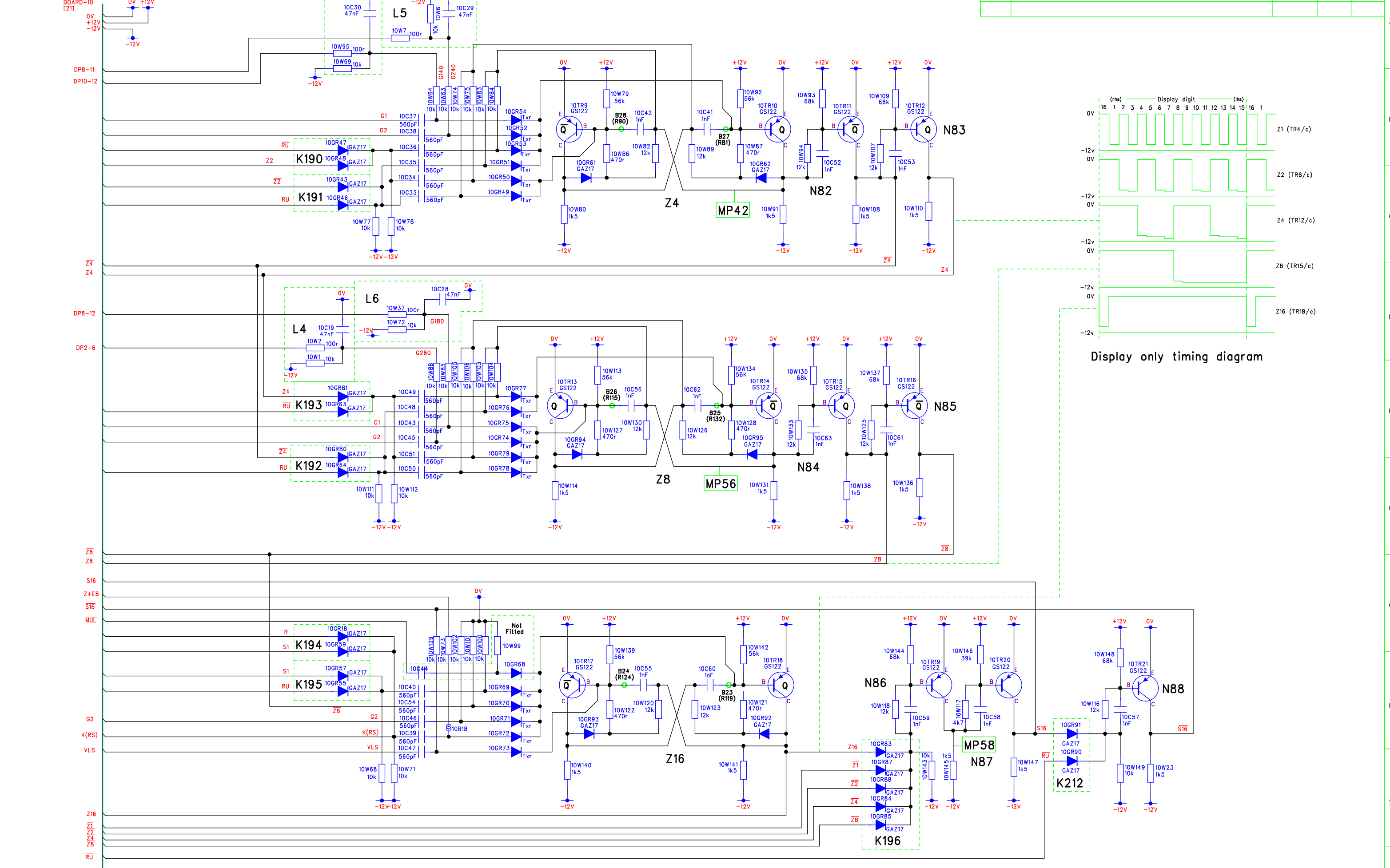
Net CO is a mixed name net between boards 8, 9 & 10  
 Board 8 = K(VOR,VLS,AB,R,RU,S16)  
 Board 9 = K(VOR,VLS,AB,R,RU,S16,AUSG)  
 Board 10 = K(VOR,VLS,AB,R,RU,AUSG)

These diagrams are referenced to 0V - Logical 1 = -12v, logical 0 = 0V

		DM Associates		Pcb Dwg # =		Scale	Nts	Title	
		33, Northbrook Road Aldershot, Hampshire. GU11 3HE Email: mike@soemtron.org www.soemtron.org				Sheet	21	Soemtron ETR 220 Calculator	
		© 2007 Mike Hatch. (www.soemtron.org)		Drawn MD Hatch		Next Sheet	22	Digit Count (BCD) Z1-16	
				Checked -		Drawing Number		BOARD 10 Sheet 1	
				Date 8/11/2007		Soemtron 220		A2 Issue A	

Comp side - (21/73)  
Solder side - 05-220-7010-7 f 3042

RevNo	Revision note	Date	By	Checked
-	-	-	-	-



Display only timing diagram

These diagrams are referenced to 0V - Logical 1 = -12v, logical 0 = 0V



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[www.soemtron.org](http://www.soemtron.org)

Pcb Dwg # =		Scale	Nts	Title <b>Soemtron ETR 220 Calculator</b> Digit Count (BCD) Z1-16 BOARD 10 Sheet 2
Drawn	Name MD Hatch	Date 8/11/2007	Sheet 22	
Checked			Next Sheet 23	Drawing Number Soemtron 220

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