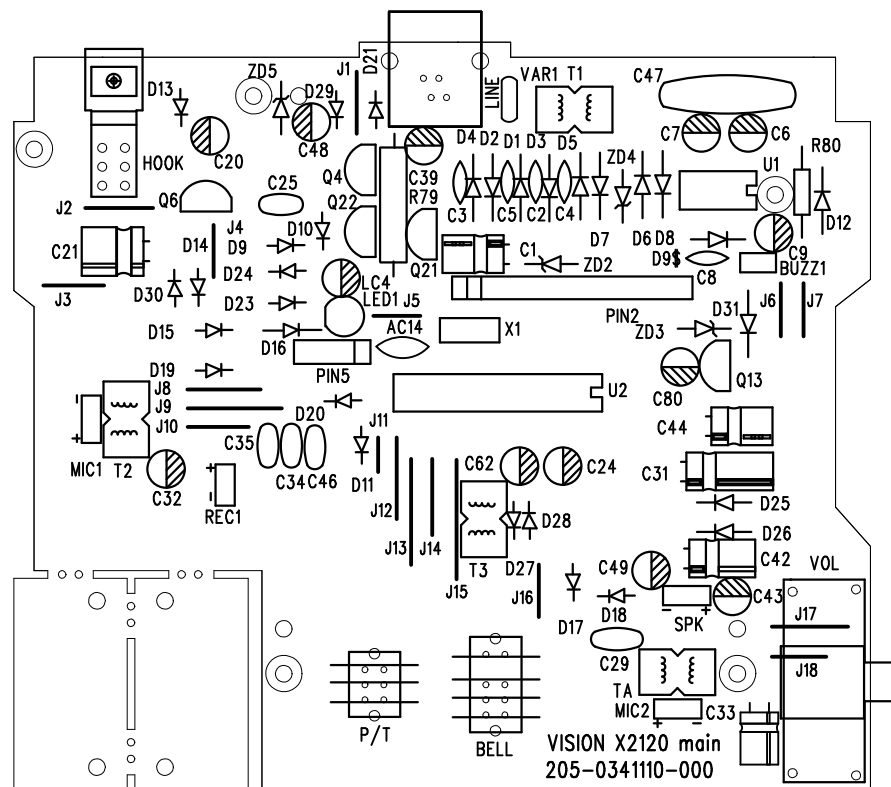


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DWG NO:	FILE NAME:VISIONX2120main.PCB
DOC CODE: E10	REV: A

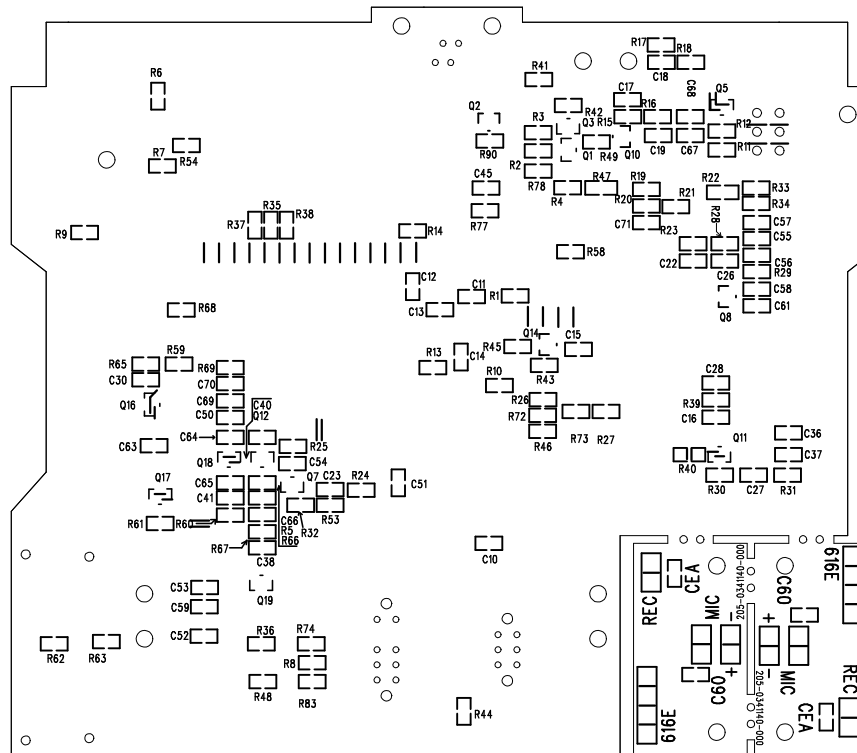
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DATE: NOV 27 2003	DATE:	DATE:	PAGE: OF
FM-ENG-004-010			



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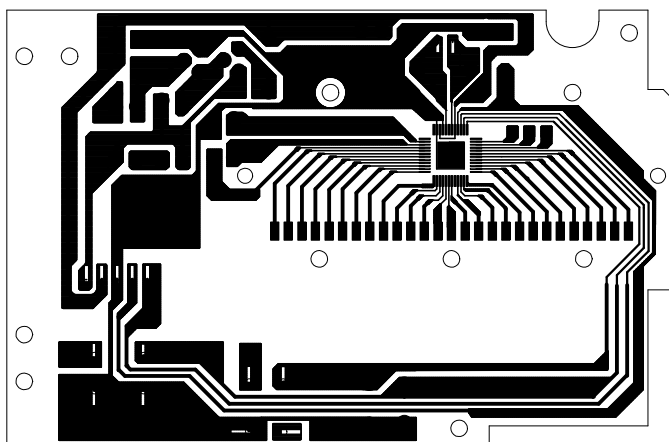


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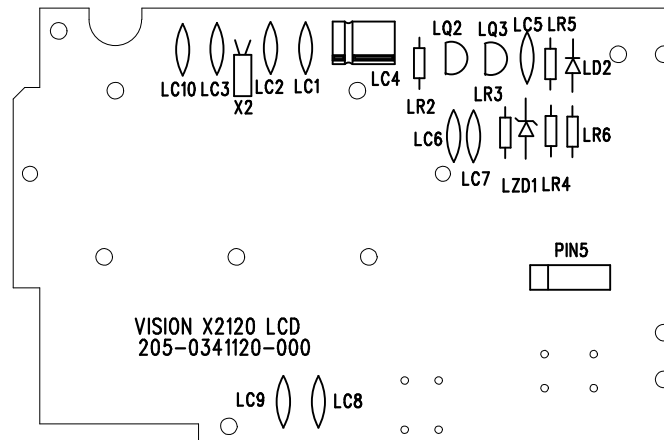
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DATE: NOV 27 2003	DATE:	DATE:	PAGE: OF

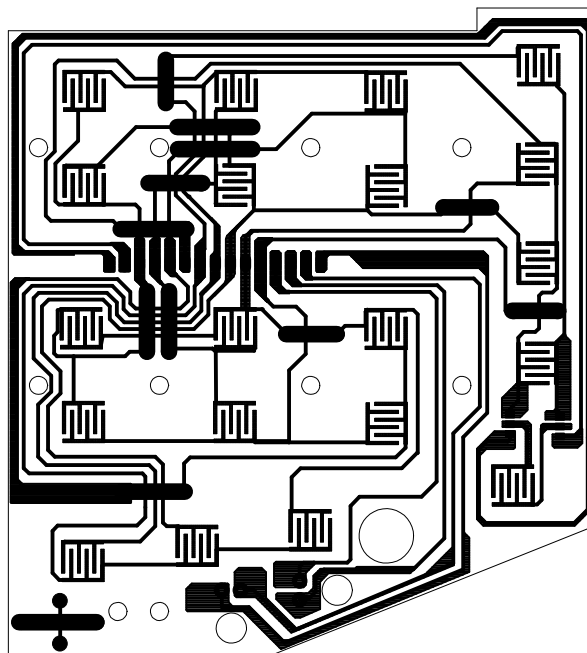
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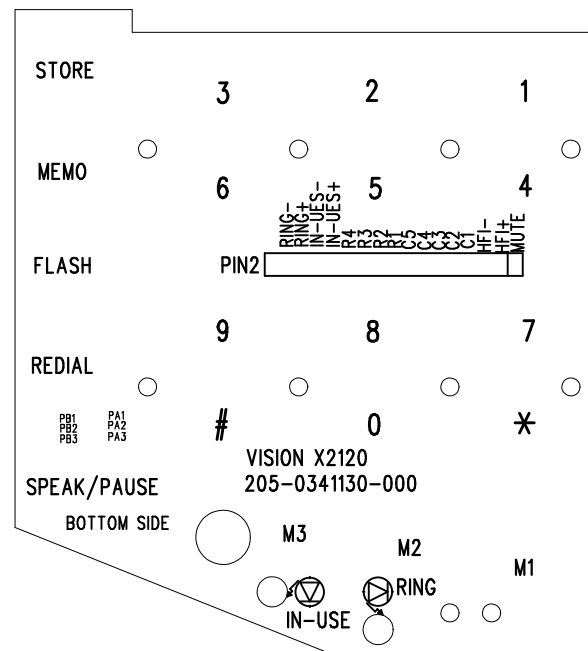
Rockway Industries Ltd.			
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DOC CODE: E10		REV: A	
DRN:	CHK:	APP:	SHEET: OF
DATE: Nov 19 2003	DATE:	DATE:	PAGE: OF



Rockway Industries Ltd.			
MODEL: VISION X2120		DOC NAME: PCB FILM/ARTWORK	
DWG NO:		FILE NAME: VISION X2120 LCD	
DOC CODE: E10		REV: A	
DRN:	CHK:	APP:	SHEET: OF
DATE: Nov 19 2003	DATE:	DATE:	PAGE: OF



Rockway Industries Ltd.			
MODEL: VISION X2120		DOC NAME: PCB FILM/ARTWORK	
DWG NO:		FILE NAME: VISION X2120 KB.PCB	
DOC CODE: E10		REV: A	
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DATE:	DATE:	DATE:	PAGE: OF
FM-ENG-004-010			



Rockway Industries Ltd.			
MODEL: VISION X2120	DOC NAME: PCB FILM/ARTWORK		
DWG NO:	FILE NAME: VISION X2120 KB.PCB		
DOC CODE: E10	REV: A		
DRN:	CHK:	APP:	SHEET: OF
DATE:	DATE:	DATE:	PAGE: OF
FM-ENG-004-010			

## Critical Parts List :

### 1. Transistor

- MPSA92,E.B.C type, P/N: 227-0009209-000
- S8050C E.B.C type, P/N: 227-08050C2-000
- MMBT3904 SMD, P/N: 227-33904HG-000
- 2N3904S SMD, P/N: 227-33904SD-000
- 8050C B.C.E SMD, P/N: 227-38050C9-000
- 8550 B.C.E SMD, P/N: 227-3855009-000
- 945Y E.B.C SMD, P/N: 227-40945Y2-000

### 2. Ringer IC

- HP31002, P/N: 215-3100215-000

### 3. MIC

- Condenser Mic.,Sensitive: -64dB (H/F)  $\pm 2$ dB,P/N: 218-2000431-000
- Condenser Mic.,Sensitive: -64 $\pm 2$ dB, P/N: 218-1010631-000

### 4. Receiver

- Receiver (SD153B), 94 $\pm 2$ dB, P/N: 220-1025C02-000

### 5. Switch

- Hook Switch PS-22F-12G3,Force:(60g-80g) P/N: 225-0402043-000

### 6. Buzzer

- Buzzer HY-1T-2.6E, P/N: 203-0221015-000

### 7. Switch

- Ringer Switch (SSA-23D01-G2-7A), P/N: 225-0102085-000
- Switch (SSA-22D02-G2-TA), P/N: 225-0102090-000



8. Crystal

- CRYSTAL 32.768KHz, Size:3X8mm,P/N: 209-0032767-310
- CRYSTAL 3.58M, P/N: 209-0358004-000

9. LCD Display

- LCD,52X18.2mm(91-6061-110), P/N: 211-2100858-000

10. Varistor

- Varistor 270V,Size: 7mm 1/2W, P/N: 224-2220421-000

11. Speaker

- Paper Basin Speaker 50mm 0.25W 32OHM, P/N: 223-1413183-000

12. DIODE

- DIODE IN4148, P/N: 210-1041481-000
- DIODE IN4004, P/N: 210-3040041-000

13. Volume

- VOLUME 20KB±10% S1552N13314, P/N: 229-3420131-000

14. SOCKET

- SOCKET 616E 100mm 4C, P/N: 235-2100134-001
- SOCKET 623K 6P4C, P/N: 235-H000004-001

15. IC

- IC EM91415CK(HM/C), P/N: 215-9141504-000
- IC DICE CS32100, P/N: 215-CS32100-48C

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