



| ITEM | DESCRIPTION | QTY |
|----------------|--------------|-----|
| R1 | 1k2 0.5w | 1 |
| R2 & R5 | 12k 0.25w | 2 |
| R3 | 1k2 0.25w | 1 |
| R4 | 560a 4w | 1 |
| R6 | 120k 0.25w | 1 |
| C1 | 100uM 63v | 1 |
| C2 | 47uM 16v | 1 |
| C3 | 220n 16v | 1 |
| C4 | 470n 16v | 1 |
| C5 & C6 | 100uM 6.3v | 2 |
| D1, D5 | 1N4004 | 2 |
| D2 & D3 & D4 | 1N4148 | 3 |
| ZD1 | BZY88 5.6v | 1 |
| ZD2 | BZX70C18 18v | 1 |
| Q1 & Q2 | BC107 | 2 |
| RELAY | RS 349-355 | 1 |
| BUZZER | RS 249-429 | 1 |
| P1, P2, P3, P4 | RS 423-274 | 1 |
| REGULATOR | 78L05 | 1 |
| THYRISTOR | BTX18-400 | 1 |
| DIECAST BOX | RS.509-103 | 1 |

BRITISH RAILWAYS SCOTTISH REGION
 CHIEF SIGNAL & TELECOMMUNICATIONS ENGINEER'S DEPARTMENT. GLASGOW

TEN SECOND TIME DELAY UNIT

| | | |
|-------------|--|-------------------|
| PLAN DATE | APPROVED BY | CORRES. REF. |
| PRODUCED BY | | SCALE |
| TRACED BY | | |
| CHECKED BY | CHIEF SIGNAL & TELECOMMUNICATIONS ENGINEER | PLAN No. 82 SES 4 |
| DATE ISSUED | | SHEET / OF / |