



**+6.5V, C62 & C61**

**-6.5V, C66 & C68**

**+16.5V, C71 & C72**

**-16.5V, C77 & C78**

**GND x5**

**U1**

|     |          |     |          |
|-----|----------|-----|----------|
| 87  | I0/GCK1  | 40  | X        |
| 88  | I1/OE1   | 41  | X        |
| 89  | I2/GCLRn | 42  | X        |
| 90  | I3/GCK2  | 43  | CMP_OUT  |
| 91  | I0_C0    | 44  | X        |
| 92  | I0_C1    | 45  | LED_ON   |
| 93  | I0_C2    | 46  | CMP_CTRL |
| 94  | I0_C3    | 47  | X        |
| 95  | I0_C4    | 48  | X        |
| 96  | I0_C5    | 49  | X        |
| 97  | I0_C6    | 50  | X        |
| 98  | I0_C7    | 51  | X        |
| 99  | I0_C8    | 52  | X        |
| 100 | I0_C9    | 53  | X        |
| 101 | I0_C10   | 54  | X        |
| 102 | I0_C11   | 55  | X        |
| 103 | I0_C12   | 56  | X        |
| 104 | I0_C13   | 57  | X        |
| 105 | I0_C14   | 58  | X        |
| 106 | I0_C15   | 59  | X        |
| 107 | I0_C16   | 60  | X        |
| 108 | I0_C17   | 61  | X        |
| 109 | I0_C18   | 62  | X        |
| 110 | I0_C19   | 63  | X        |
| 111 | I0_C20   | 64  | X        |
| 112 | I0_C21   | 65  | X        |
| 113 | I0_C22   | 66  | X        |
| 114 | I0_C23   | 67  | X        |
| 115 | I0_C24   | 68  | X        |
| 116 | I0_C25   | 69  | X        |
| 117 | I0_C26   | 70  | X        |
| 118 | I0_C27   | 71  | X        |
| 119 | I0_C28   | 72  | X        |
| 120 | I0_C29   | 73  | X        |
| 121 | I0_C30   | 74  | X        |
| 122 | I0_C31   | 75  | X        |
| 123 | I0_C32   | 76  | X        |
| 124 | I0_C33   | 77  | X        |
| 125 | I0_C34   | 78  | X        |
| 126 | I0_C35   | 79  | X        |
| 127 | I0_C36   | 80  | X        |
| 128 | I0_C37   | 81  | X        |
| 129 | I0_C38   | 82  | X        |
| 130 | I0_C39   | 83  | X        |
| 131 | I0_C40   | 84  | X        |
| 132 | I0_C41   | 85  | X        |
| 133 | I0_C42   | 86  | X        |
| 134 | I0_C43   | 87  | X        |
| 135 | I0_C44   | 88  | X        |
| 136 | I0_C45   | 89  | X        |
| 137 | I0_C46   | 90  | X        |
| 138 | I0_C47   | 91  | X        |
| 139 | I0_C48   | 92  | X        |
| 140 | I0_C49   | 93  | X        |
| 141 | I0_C50   | 94  | X        |
| 142 | I0_C51   | 95  | X        |
| 143 | I0_C52   | 96  | X        |
| 144 | I0_C53   | 97  | X        |
| 145 | I0_C54   | 98  | X        |
| 146 | I0_C55   | 99  | X        |
| 147 | I0_C56   | 100 | X        |
| 148 | I0_C57   | 101 | X        |
| 149 | I0_C58   | 102 | X        |
| 150 | I0_C59   | 103 | X        |
| 151 | I0_C60   | 104 | X        |
| 152 | I0_C61   | 105 | X        |
| 153 | I0_C62   | 106 | X        |
| 154 | I0_C63   | 107 | X        |
| 155 | I0_C64   | 108 | X        |
| 156 | I0_C65   | 109 | X        |
| 157 | I0_C66   | 110 | X        |
| 158 | I0_C67   | 111 | X        |
| 159 | I0_C68   | 112 | X        |
| 160 | I0_C69   | 113 | X        |
| 161 | I0_C70   | 114 | X        |
| 162 | I0_C71   | 115 | X        |
| 163 | I0_C72   | 116 | X        |
| 164 | I0_C73   | 117 | X        |
| 165 | I0_C74   | 118 | X        |
| 166 | I0_C75   | 119 | X        |
| 167 | I0_C76   | 120 | X        |
| 168 | I0_C77   | 121 | X        |
| 169 | I0_C78   | 122 | X        |
| 170 | I0_C79   | 123 | X        |
| 171 | I0_C80   | 124 | X        |
| 172 | I0_C81   | 125 | X        |
| 173 | I0_C82   | 126 | X        |
| 174 | I0_C83   | 127 | X        |
| 175 | I0_C84   | 128 | X        |
| 176 | I0_C85   | 129 | X        |
| 177 | I0_C86   | 130 | X        |
| 178 | I0_C87   | 131 | X        |
| 179 | I0_C88   | 132 | X        |
| 180 | I0_C89   | 133 | X        |
| 181 | I0_C90   | 134 | X        |
| 182 | I0_C91   | 135 | X        |
| 183 | I0_C92   | 136 | X        |
| 184 | I0_C93   | 137 | X        |
| 185 | I0_C94   | 138 | X        |
| 186 | I0_C95   | 139 | X        |
| 187 | I0_C96   | 140 | X        |
| 188 | I0_C97   | 141 | X        |
| 189 | I0_C98   | 142 | X        |
| 190 | I0_C99   | 143 | X        |
| 191 | I0_C100  | 144 | X        |

**J1**

|    |     |    |     |
|----|-----|----|-----|
| 1  | A01 | 1  | A01 |
| 2  | A02 | 2  | A02 |
| 3  | A03 | 3  | A03 |
| 4  | A04 | 4  | A04 |
| 5  | A05 | 5  | A05 |
| 6  | A06 | 6  | A06 |
| 7  | A07 | 7  | A07 |
| 8  | A08 | 8  | A08 |
| 9  | A09 | 9  | A09 |
| 10 | A10 | 10 | A10 |
| 11 | A11 | 11 | A11 |
| 12 | A12 | 12 | A12 |
| 13 | A13 | 13 | A13 |
| 14 | A14 | 14 | A14 |
| 15 | A15 | 15 | A15 |
| 16 | A16 | 16 | A16 |
| 17 | A17 | 17 | A17 |
| 18 | A18 | 18 | A18 |
| 19 | A19 | 19 | A19 |
| 20 | A20 | 20 | A20 |
| 21 | A21 | 21 | A21 |
| 22 | A22 | 22 | A22 |
| 23 | A23 | 23 | A23 |
| 24 | A24 | 24 | A24 |
| 25 | A25 | 25 | A25 |
| 26 | A26 | 26 | A26 |
| 27 | A27 | 27 | A27 |
| 28 | A28 | 28 | A28 |
| 29 | A29 | 29 | A29 |
| 30 | A30 | 30 | A30 |
| 31 | A31 | 31 | A31 |
| 32 | A32 | 32 | A32 |
| 33 | B01 | 33 | B01 |
| 34 | B02 | 34 | B02 |
| 35 | B03 | 35 | B03 |
| 36 | B04 | 36 | B04 |
| 37 | B05 | 37 | B05 |
| 38 | B06 | 38 | B06 |
| 39 | B07 | 39 | B07 |
| 40 | B08 | 40 | B08 |
| 41 | B09 | 41 | B09 |
| 42 | B10 | 42 | B10 |
| 43 | B11 | 43 | B11 |
| 44 | B12 | 44 | B12 |
| 45 | B13 | 45 | B13 |
| 46 | B14 | 46 | B14 |
| 47 | B15 | 47 | B15 |
| 48 | B16 | 48 | B16 |
| 49 | B17 | 49 | B17 |
| 50 | B18 | 50 | B18 |
| 51 | B19 | 51 | B19 |
| 52 | B20 | 52 | B20 |
| 53 | B21 | 53 | B21 |
| 54 | B22 | 54 | B22 |
| 55 | B23 | 55 | B23 |
| 56 | B24 | 56 | B24 |
| 57 | B25 | 57 | B25 |
| 58 | B26 | 58 | B26 |
| 59 | B27 | 59 | B27 |
| 60 | B28 | 60 | B28 |
| 61 | B29 | 61 | B29 |
| 62 | B30 | 62 | B30 |
| 63 | B31 | 63 | B31 |
| 64 | B32 | 64 | B32 |
| 65 | C01 | 65 | C01 |
| 66 | C02 | 66 | C02 |
| 67 | C03 | 67 | C03 |
| 68 | C04 | 68 | C04 |
| 69 | C05 | 69 | C05 |
| 70 | C06 | 70 | C06 |
| 71 | C07 | 71 | C07 |
| 72 | C08 | 72 | C08 |
| 73 | C09 | 73 | C09 |
| 74 | C10 | 74 | C10 |
| 75 | C11 | 75 | C11 |
| 76 | C12 | 76 | C12 |
| 77 | C13 | 77 | C13 |
| 78 | C14 | 78 | C14 |
| 79 | C15 | 79 | C15 |
| 80 | C16 | 80 | C16 |
| 81 | C17 | 81 | C17 |
| 82 | C18 | 82 | C18 |
| 83 | C19 | 83 | C19 |
| 84 | C20 | 84 | C20 |
| 85 | C21 | 85 | C21 |
| 86 | C22 | 86 | C22 |
| 87 | C23 | 87 | C23 |
| 88 | C24 | 88 | C24 |
| 89 | C25 | 89 | C25 |
| 90 | C26 | 90 | C26 |
| 91 | C27 | 91 | C27 |
| 92 | C28 | 92 | C28 |
| 93 | C29 | 93 | C29 |
| 94 | C30 | 94 | C30 |
| 95 | C31 | 95 | C31 |
| 96 | C32 | 96 | C32 |