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|-------|----------------------------|-----------|----------|
| Title |                            |           |          |
| Size  | Number                     |           | Revision |
| A4    |                            |           |          |
| Date: | 2013/12/5                  | Sheet     | of       |
| File: | D:\PCB\Realy-single.SchDoc | Drawn By: |          |

| Comment       | Description                                      | Designator  | Footprint        | LibRef        | Quantity |
|---------------|--|---|------------------|---------------|----------|
| LED2          | Typical RED,<br>GREEN, YELLOW,<br>AMBER GaAs LED | D1_Realy-single1,<br>D1_Realy-single2,<br>D1_Realy-single3,<br>D1_Realy-single4,<br>D1_Realy-single5,<br>D1_Realy-single6,<br>D1_Realy-single7,<br>D1_Realy-single8 | LED(0805)        | LED2          | 8        |
| Diode         | Default Diode                                    | D2_Realy-single1,<br>D2_Realy-single2,<br>D2_Realy-single3,<br>D2_Realy-single4,<br>D2_Realy-single5,<br>D2_Realy-single6,<br>D2_Realy-single7,<br>D2_Realy-single8 | 1206             | Diode         | 8        |
| Relay-SPDT    | Single-Pole Dual-<br>Throw Relay                 | K1_Realy-single1,<br>K1_Realy-single2,<br>K1_Realy-single3,<br>K1_Realy-single4,<br>K1_Realy-single5,<br>K1_Realy-single6,<br>K1_Realy-single7,<br>K1_Realy-single8 | SRD(T73)         | Relay-SPDT    | 8        |
| Header 3      | Header, 3-Pin                                    | P1, P2, P3, P4, P5,<br>P6, P7, P8   | Terminal-5.08-3P | Header 3      | 8        |
| Header 11     | Header, 11-Pin                                   | P9  | HDR1X11          | Header 11     | 1        |
| 8050          | NPN Bipolar<br>Transistor                        | Q1_Realy-single1,<br>Q1_Realy-single2,<br>Q1_Realy-single3,<br>Q1_Realy-single4,<br>Q1_Realy-single5,<br>Q1_Realy-single6,<br>Q1_Realy-single7,<br>Q1_Realy-single8 | SOT95P240-3N     | 8050          | 8        |
| 1K            | Semiconductor<br>Resistor                        | R1_Realy-single1,<br>R1_Realy-single2,<br>R1_Realy-single3,<br>R1_Realy-single4,<br>R1_Realy-single5,<br>R1_Realy-single6,<br>R1_Realy-single7,<br>R1_Realy-single8 | 0805             | Res Semi      | 8        |
| 1R            | Semiconductor<br>Resistor                        | R2_Realy-single1,<br>R2_Realy-single2,<br>R2_Realy-single3,<br>R2_Realy-single4,<br>R2_Realy-single5,<br>R2_Realy-single6,<br>R2_Realy-single7,<br>R2_Realy-single8 | 0805             | Res Semi      | 8        |
| Optoisolator1 | 4-Pin Phototransistor                            | U1_Realy-single1, U   | DIP-4            | Optoisolator1 | 8        |