|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Library** | **Device** | **Package** | **Illustrative** **Image** |
| Pin headers – male  Pin headers – female | con-lstb  con-lsta |  |  | [PH_1X8](http://elecrom.files.wordpress.com/2009/11/ph_1x8.png) |
| Ceramic disc capacitors having 2.54mm lead spacing (e.g.: 27pf, 100nf) | rcl > C-EU | C-EU025-025X050 | C025-025X050 | [CAP-003D](http://elecrom.files.wordpress.com/2009/11/cap003d.png) |
| Ceramic disc capacitors having 5.08mm lead spacing (e.g.: 220nf) | rcl > C-EU | C-EU050-030X075 | C050-030X075 | [cap-2](http://elecrom.files.wordpress.com/2009/11/cap2.gif) |
| Electrolytic capacitors, values less than 10uF and voltage rating upto 50V | rcl > CPOL-EU | CPOL-EUE2.5-6 | E2,5-6 | [10 uf electrolytic capacitor](http://elecrom.files.wordpress.com/2009/11/10ufelectrolyticcapacitor.jpg) |
| Electrolytic cap 220uF/1000uf | rcl > CPOL-EU | CPOL-EUE5-10.5 | E5-10,5 | [220ufCaps](http://elecrom.files.wordpress.com/2009/11/220ufcaps.jpg) |
| Crystal | Crystal > Crystal | CRYSTALHC49U70 | HC49U70 | [XTAL_HC49-Ub](http://elecrom.files.wordpress.com/2009/11/xtal_hc49ub.jpg) |
| 32.768K Crystal | Crystal > Crystal | CRYSTALTC26H | TC26H | [32768 Xtal](http://elecrom.files.wordpress.com/2009/11/32768xtal.jpg) |
| 78xx Voltage regulator – Vertical | linear > 78\* | 7805TV | TO220V | [7805](http://elecrom.files.wordpress.com/2009/11/7805.jpg) |
| 1N5408 – 3A Diode | diode-1 | 1N5408 | DO35-10 | [1n5408-diode](http://elecrom.files.wordpress.com/2009/11/1n5408diode.jpg) |
| Resistors 1/4W – tight fit | rcl > R-EU\_ | R-EU\_0207/7 | 0207/7 |  |
| Resistors 1/4W – normal fit | rcl > R-EU\_ | R-EU\_0207/10 | 0207/10 |  |
| Trimpot – 3296 (Vertical) | rcl > R-TRIMM | R-TRIMM64W | RTRIM64W | [Pot-3296](http://elecrom.files.wordpress.com/2009/11/pot3296.jpg) |
| LEDs 3mm | led > LED | LED3MM | LED3MM |  |
| LEDs 5mm | led > LED | LED5MM | LED5MM |  |
| Jumper – single | jumper | JP1E |  | [PH_2X1J](http://elecrom.files.wordpress.com/2009/11/ph_2x1j.png) |
| Jumper – double | jumper | JP2Q |  | [PH_2X2J](http://elecrom.files.wordpress.com/2009/11/ph_2x2j.png) |
| PBT Connectors – 2Pin | con-ptr500+ | AK500/2 | AK500/2 | [ARK_5MM_2](http://elecrom.files.wordpress.com/2009/11/ark_5mm_2.png) |
| PBT Connectors – 3Pin | con-ptr500+ | AK500/3 | AK500/3 | [ARK_5MM_3](http://elecrom.files.wordpress.com/2009/11/ark_5mm_3.png) |
| Piezo buzzer | buzzer | F/CM12P | F/CM12P | [Button Buzzer](http://elecrom.files.wordpress.com/2009/11/buttonbuzzer.jpg) |
| Microswitch – 4 Lead | switch-omron | 10-XX | B3F-10XX | [micro_switch](http://elecrom.files.wordpress.com/2009/11/micro_switch.jpg) |
| Mini slide switch | switch | 255SB | 255SB | [Mini Slide Switch](http://elecrom.files.wordpress.com/2009/11/minislideswitch.jpg) |
| D type 9 pin Serial connector, PCB Mountable | con-subd > F09 | F09H | F09H | [D9_PCB_conn](http://elecrom.files.wordpress.com/2009/11/d9_pcb_conn.jpg) |
| Dc power jack 2.5mm | con-shiua-chyuan  con jack | SCD-014A  0202 | SCD-014-A | C:\Users\Omkar\Desktop\Untitled.png |
| 7805 | v-reg | 78XXS |  |  |
| Heat sink | Heatsink | D03 PA |  |  |
| Mount holes | holes | Mount hole | Mount hole3.0 |  |

**Passive components SMD:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Library** | **Device** | **Package** | **Illustrative** **Image** |
| Diode LL4148 | Diode > DIODE- | DIODE-MINIMELF | MINIMELF | [LL4148](http://elecrom.files.wordpress.com/2009/11/ll4148.gif) |
| NPN transistor (BC847 | transistor-npn > BC847\* | BC847SMD | SOT23 | [BC847](http://elecrom.files.wordpress.com/2009/11/bc847.jpg) |
| Resistors | rcl > R-EU\_ | R-EU\_M0805 | M0805 |  |
| Capacitors (<100 nf) | rcl > C-EU | C-EUC0805 | C0805 |  |