|  |  |  |
| --- | --- | --- |
| **Components** | **Name** | **Specification** |
| C:\Users\Jeanson\Desktop\download.jpg | **PIEZO ELECTRIC DISK** | * Interface: Analog * Current: less than 1mA * Weight: 2g * Diameter: 27 mm approximately |
| Image result for keypad module | **4X4 KEYPAD MODULE** | * Maximum Voltage across EACH SEGMENT or BUTTON: 24V. * Maximum Current through EACH SEGMENT or BUTTON: 30mA. * Maximum operating temperature: 0°C to + 50°C. * Ultra-thin design. * Adhesive backing. * Easy interface. * Long life. |
| Image result for 4 bits 7 segment led display module + | **4 BITS 7 SEGMENT LED DISPLAY MODULE** | * Current - Test:10mA * Digit/Alpha Size:0.56" (14.22mm) * Display Type:7-Segment * Millicandela Rating:3.9mcd ~ 13.3mcd * Number of Characters:4 * Package / Case:12-DIP (0.600", 15.24mm) * Power Dissipation (Max):75mW ~ 105mW * Size / Dimension:0.748" H x 1.980" W x 0.315" D (19.00mm x 50.30mm x 8.00mm) * Voltage - Forward (Vf) (Typ):1.8V ~ 2.2V * Wavelength - Peak:565nm ~ 660nm |
| Image result for 4 ch Relay module | **4 CHANNEL RELAY MODULE** | * 4-Channel Relay interface board, and each one needs 15-20mA Driver Current * Both controlled by 12V and 5V input Voltag * Equipped with high-current relay, AC250V 10A ; DC30V 10A * Standard interface that can be controlled directly by microcontroller (Arduino , 8051, AVR, PIC, DSP, ARM, ARM, MSP430, TTL logic active low * Opto-isolated inputs * Indication LED’s for Relay output status. |
| Image result for Wireless charging pad | **WIRELESS CHARGING PAD** | * Features **Wireless Charger**. Interface **Wireless**, microUSB. Packaging Contents **Wireless Charger**, manual. * Dimension (WxHxD) Diameter : 97mm, Thickness : 16.8 mm. Weight 87.5 g. * Power. Input Voltage 5 V. Output Current 1000 mA. Output Voltage 5 V. |
| C:\Users\Jeanson\Desktop\solenoid-mini-push-pull-5v-609-500x500.jpg | **SOLENOID MINI PUSH PULL 5V** | * Rated Voltage: 5V * Current (at DC 5V): 1.1A * DC Resistance: 4.5 ± 5% Ω * Throw (at DC 5V): 3mm / 80g * Lead Length: ~57mm / 2.2" * Weight: 12.6g |
| Image result for arduino mega | **ARDUINO MEGA** | * Operating Voltage 5V * Input Voltage (recommended) 7-12V * Input Voltage (limit) 6-20V * Digital I/O Pins 54 (of which 15 provide PWM output) * Analog Input Pins 16 * DC Current per I/O Pin 20 mA * DC Current for 3.3V Pin 50 mA * Flash Memory 256 KB of which 8 KB used by bootloader * SRAM 8 KB * EEPROM 4 KB * Clock Speed 16 MHz * LED\_BUILTIN 13 * Length 101.52 mm * Width 53.3 mm * Weight 37 g |
| C:\Users\Jeanson\Desktop\16x2-lcd-display-green-500x500.jpg | **16X2 LCD MODULE** | * Operating Voltage is 4.7V to 5.3V * Current consumption is 1mA without backlight * Alphanumeric LCD display module, meaning can display alphabets and numbers * Consists of two rows and each row can print 16 characters. * Each character is build by a 5×8 pixel box * Can work on both 8-bit and 4-bit mode * It can also display any custom generated characters |
| C:\Users\Jeanson\Desktop\download.jpg | **ARDUINO NANO** | * Microcontroller ATmega328 * Operating Voltage (logic level): 5 V * Input Voltage (recommended): 7-12 V * Input Voltage (limits): 6-20 V * Digital I/O Pins : 14 (of which 6 provide PWM output) * Analog Input Pins: 8 * DC Current per I/O Pin: 40 mA * Flash Memory 32 KB (ATmega328) of which 2 KB used by bootloader * SRAM: 2 KB (ATmega328) * EEPROM: 1 KB (ATmega328) * Clock Speed: 16 MHz * Dimensions: 0.73" x 1.70" |
| C:\Users\Jeanson\Desktop\battery-rechargeable-nimh-aa-1-2-v-2200-mah-1-cell-1288-500x500.jpg | **BATTERY RECHARGEABLE** | * Voltage: 1.2 V * Capacity: 2200 mAh * Cells: 1 * Cell type: AA NiMH |
| C:\Users\Jeanson\Desktop\download (1).jpg | **HC-06 BLUETOOTH MODULE** | * TTL data transparent transfer between a host Bluetooth device. * Works with any USB Bluetooth adapters. * Coverage up to 30ft. * Built in antenna. * Power input: 3.6V-6VDC (Can not higher than 6V) * Mini Size |
| C:\Users\Oliver\Desktop\datasheet2\F7202966-01.jpg | **12V LEAD ACID RECHARGEABLE BATTERY** | * BM Part #: SLA-12V7-F1 * Voltage: 12 Volt * Capacity: 7 Ah * Type: Sealed Lead Acid Battery * Length: 5.95" * Width: 2.56" * Height: 3.71" * Shipping Weight: 7.00Lbs * Warranty: 1 Year * Rechargeable: Yes |