

**ID Designator**

1 C1  
2 C2 to C35  
3 CN4,CN6,CN8,FLASH1,MOT1,OUT1,OUT2,OUT3,OUT4  
4 DIL1 to DIL16  
5 F1,F2  
6 F3  
7 F4  
8 GPIO-GCLK  
9 H1  
10 I2C\_31 to I2C\_36, I2C\_51 to I2C\_56  
11 J2 to J6, JI1 to JI12, JQ1 to JQ7, JR1, JR2, JV1  
12 K1,K2  
13 KEY1  
14 LED1 to LED12  
15 LED13  
16 OC1, OC2, OC3  
17 P1  
18 ANT1, CN5, CN7, CN9, PE1, VAC1  
19 PSU1  
20 PSU2  
21 Q1  
22 R1 to R24, R29 to R32  
23 R25, R26, R27, R28  
24 RLY1, RLY2, RLY3, RLY4, RLY5  
25 RP1, RP2, RP3  
26 RP4, RP5, RP6  
27 RPI1  
28 RTC1  
29 TR1, TR2  
30 U1, U2, U3, U4  
31 U5

**Quantity Name**

1 33uF/25V  
34 100nF  
9 SCREW-TERMINAL (3P-5.08)  
16 HEADER-MALE-2.54\_1X3  
2 FUSE-5X20-Holder\_2x  
1 FUSE-5X20-Holder  
1 RXEF025  
1 1 PIN  
1 AMS1117-3.3  
12 HEADER-MALE-2.54\_1x4  
27 HEADER-MALE-2.54\_1X2  
2 FINDER-44 5Vdc  
1 BUTTON6\*6\*8.5  
12 LED\_3X2.54\_GREEN  
1 LED\_3X2.54\_BLUE  
3 TLP291-4(GB-TP)  
1 AUREL.433\_4BIT  
6 SCREW-TERMINAL (2P-5.08)  
1 TENSTAR\_PSU 5V 20W  
1 NME0505SC  
1 ULN2003ANE4  
28 330 Ohm 1/8W  
4 4K7 Ohm 1/8W  
5 SRD-5VDC-SL-C  
3 4 RESISTOR ARRAY 1K  
3 4 RESISTOR ARRAY 680  
2 RPI\_Header-2.54\_2x20 w/Long Pins  
1 DS3231\_for\_Pi  
2 2N7000-D26Z  
4 CD40106 DIP14  
1 CD4093