



## AU Group Electronics BOM for CB0301

AU Part#	Description	Quantity
BUZ_2.2KHZ_16VDC_CC	Buzzor 2.2KHZ 8-16VDC PCB WASH 12V	1
CAP_0.22UF_0805_HH	CAP CER 0.22UF 50V Y5V 0805	3
CAP_00.1UF_0805_HH	CAP .10UF 50V CERAMIC X7R 0805	24
CAP_0027PF_0805_HH	CAP 27PF 50V CERM CHIP 0805 SMD	2
CAP_2200PF_0805_HH	CAP 2200PF 50V CERAMIC X7R 0805	2
CAP_22UF10V_TAN_ELECTROLYTIC_HH	CAP Tan 22uF 10V 20% SMD Solid Tantalum Electrolytic	1
CAP_33UF35V_ELECT_AL_ELECT_SMD_HH	CAP 33UF 35V MVA SMD Aluminum Electrolytic	1
CMC_ZJYS81R5_SMD_HH	Choke Comm Mode SMD ZJYS81R5-2PL25-G01 600 Ohm 0.5A	1
CON_03.5MM_4POS_CC	CONN TERM BLOCK T/H 4POS 3.5MM	3
CON_Gol_FL_9POS_CC	CONN D-SUB RCPT R/A 9POS GOL10D/FL	1
CRY_00016M_SMD_HH	Crystal SMT HCM49 AT Cut SMD metal-can type (-40C to +85C) 16MHz 18pF	1
DIO_000S1G_SMA_HH	Diode SMA controlled avalanche rectifiers 1A 400V	1
DIO_0BAV99_SOT23_HH	Diode SWITCHING 80V SOT-23 BAV99	7
DIO_ZENER_30V_SMB_HH	DIODE ZENER 30 V, 6%, 1W, SMAZ30	1
LED_GREEN_CLEAR_0805_HH	LED GREEN CLEAR 0805 SMD	9
NPN_MMBT2222AK_SOT23_HH	Transistor NPN MMBT2222AK GP 40V SOT23 600mA MARK 1PK 300mW	2
PIC18F458_I/PT_44TQFP_CC	uc, PIC18F458 with CAN module 44-TQFP	1
POW_JACK2.1MM_THR_HH	CONN POWER JACK 2.1MM	1
REG_LM2940_TO263_CC	Regulator IC, LDO 1A TO-263 5V	1
Res_00001k_0805_HH	Res 1k Ohm +/- 1 % 0.1W 150V +/-100 ppm 0805	1
Res_000020_2512_HH	Resistor 20 Ohm CRCW2512 20R 1% 100 R69	2
Res_000047_0805_HH	Res 47 Ohm +/- 1 % 0.1W 150V +/-100 ppm 0805	2
Res_000051_0805_HH	Res 51 Ohm 1/8W 5% 0805 SMD	1
Res_0001.5_0805_HH	Res 1.5 Ohm 1/8W 5% 0805 SMD	1
Res_000121_0805_HH	Res 121 Ohm +/- 1 % 0.125W 150V +/-100 ppm 0805	8
Res_00024K_0805_HH	Res 24K Ohm 1/8W 0805 SMD +/-1%	1
Res_000300_0805_HH	Res 300 Ohm 0.1W 0805 SMD +/-1%	9
Res_00039K_0805_HH	Res 39K Ohm 1/8W 5% 0805 SMD +/-1%	3
Res_000820_0805_HH	Res 820 Ohm +/- 1 % 0.1W 150V +/-100 ppm 0805	1
Res_002.4k_0805_HH	Res 2.4k Ohm +/- 1 % 0.1W 150V +/-100 ppm 0805	4
Res_003.9k_0805_HH	Res 3.9k Ohm +/- 1 % 0.1W 150V +/-100 ppm 0805	1
Res_004.7k_0805_HH	Res 4.7k Ohm +/- 1 % 0.1W 150V +/-100 ppm 0805	2
Res_006.8K_0805_HH	Res 6.8K Ohm 1/8W 5% 0805 SMD +/-1%	3
Res_030.0K_0805_HH	Res 30.0K Ohm 1/8W 1% 0805 SMD	2
SWI_TACT_SPST_SMT_HH	Switch TACT SPST-NO MOM SMT GULL	3
TVS_600W15V_BI_SMB_HH	TVS 600W 15V BIDIRECT SMB	4
TXRX_CAN_8SOIC_CC	TRANSCEIVER CAN 8-SOIC MCP2551	1
TXRX_RS232_16SOICW_CC	TXRX IC RS232 5V 16-SOIC WIDE MAX202IDWR 15 mA	1
TXRX_RS485_8SOIC_CC	TRANSCEIVER RS485 8-SOIC MAX483 TI SN65176BDR -40C/105C 1 mA	1