



AU Group Electronics BOM for CB0701

AU Part#	Description	Qty
CAP_0.01UF_0805_HH	CAP 0.01 uF 50V CERAMIC 20%X7R 0805	2
CAP_00.1UF_0805_HH	CAP .10UF 50V CERAMIC X7R805	33
CAP_0001UF_0805_HH	CAP 1 uF 50V CERAMIC +80%-20% Y5V 0805	1
CAP_0047PF_0805_HH	CAP CERAMIC 47PF +/-5% 50VCOG/NP0 0805	1
CAP_0100PF_0805_HH	CAP 100pF +/-5% 50V COGCERAMIC 0805	1
CAP_04.7UF_0805_HH	CAP 4.7uF 16V CERAMIC X5R805	1
CAP_0470PF_0805_HH	CAP 470 PF +/-5% 50V CERAMICCOG/NP0 0805	1
CAP_2200PF_0805_HH	CAP 2200PF 50V CERAMIC X7R805	4
CAP_22UF10V_TAN_ELECTROLYTIC_HH	CAP TANTALUM 22UF 10V 20%SMD;SOLID TANTALUM	1
CAP_3300PF_0805_HH	CAP 3300PF 50V CERAMIC X7R805	1
CAP_33UF35V_ELECT_AL_ELECT_SMD_HH	CAP 33UF 35V MVA SMD AluminumElectrolytic Capacitors	1
CMC_ZJYS81R5_SMD_HH	CHOKE COMM MODE 600 Ohm .5ASMD ZJYS81R5-2PL25-G01	2
CONTROLLER_CAN_20TSSOP_CC	IC CAN CONTROLLER W/SPI 20TSSOP	1
CRY_00024M_SMD_HH	Resonator CER 24.00MHZ W/CAP SMD	2
DIO_0BAV99_SOT23_HH	Diode S1G GPP 1A 400V SMA	11
DIO_1N4148W_SOD123_HH	Diode Switch 1N4148W 100V150MA SOD123	2
DIO_ZENER_30V_SMB_HH	Diode Zener 30V 3W SMB orZENER DIODE, 30 V, 6%, 1W,SMAZ30	1
DSPIC_MCUDSP_64TQFP_CC	IC DSPIC MCU/DSP 120K 64TQFP	1
IND_0047UH_1210_HH	Inductor 47UH 10% 1210 SMD75mA	2
LED_GREEN_CLEAR_0805_HH	LED GREEN CLEAR 0805 SMD	2
NPN_MMBT2222AK_SOT23_HH	Transistor NPN MMBT2222AK GP40V SOT23 600mA MARK 1PK	10
PIC18F4680_I/PT_CC	MCU, IC Flash 32Kx16 44TQFP PIC18F4680 with CAN module	1
PNP_MMBT3906_SOT23_HH	Transistor PNP MMBT3906 40V300MW SOT23 200mA	1
REG_LM2940_TO263_CC	5V 1A, low dropout voltageregulator	1
Res_000000_0805_CC	Res 0 Ohm +/- 1 % 0.125W150V +/-100 ppm 0805	10
Res_000010_0805_HH	Res 10 Ohm 0.1W 1% 0805 SMD150V	2
Res_00001k_0805_HH	Res 1k Ohm +/- 1 % 0.1W 150V+/-100 ppm 0805	1
Res_000020_2512_HH	Resistor 20 Ohm CRCW2512 20R1% 100 R67	1
Res_000027_0805_HH	Res 27 Ohm +/- 1 % 0.125W150V +/-100 ppm 0805	2
Res_000047_0805_HH	Res 47 Ohm +/- 1 % 0.1W 150V+/-100 ppm 0805	4
Res_00010k_0805_HH	Res 10K Ohm +/- 1 % 0.1W150V +/-100 ppm 0805	12
Res_000121_0805_HH	Res 121 Ohm +/- 1 % 0.125W150V +/-100 ppm 0805	8
Res_00024K_0805_HH	Res 24K Ohm 1/8W 0805 SMD+/-1%	2
Res_000300_0805_HH	Res 300 Ohm 0.1W 0805 SMD+/-1%	2
Res_000536_2010_HH	Res 536 Ohm 1/2W 1% 2010 SMD400V (replace 510 Ohm 0.5W)	2
Res_000820_0805_HH	Res 820 Ohm +/- 1 % 0.1W150V +/-100 ppm 0805	3
Res_001.5K_0805_HH	Res 1.5k Ohm 0.1W 1% 0805 SMD150V	1

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Res_00100K_0805_HH	Res 100k Ohm 0.125W 1% 0805SMD 100V	1
Res_002.4k_0805_HH	Res 2.4k Ohm +/- 1 % 0.1W150V +/-100 ppm 0805	3
Res_002.7K_0805_HH	Res 2.7K Ohm +/- 1 % 0.1W150V +/-100 ppm 0805	1
Res_004.7k_0805_HH	Res 4.7k Ohm +/- 1 % 0.1W150V +/-100 ppm 0805	11
Res_005.6K_0805_HH	Res 5.6k Ohm 0.1W 1% 0805 SMD150V	1
Res_009.1K_0805_HH	Res 9.1k Ohm 0.1W 1% 0805 SMD150V	1
Res_01.05K_1206_HH	Res 1.05k Ohm 0.25W 1% 1206SMD 200V	1
Res_010.7K_0805_HH	Res 10.7k Ohm 0.125W 1% 0805SMD 150V	1
Res_030.0K_0805_HH	Res 30.0K Ohm 1/8W 1% 0805SMD	7
Res_06.49K_0805_HH	Res 6.49K Ohm +/- 1 % 0.1W150V +/-100 ppm 0805	1
TVS_600W15V_BI_SMB_HH	TVS 600W 15V BIDIRECT SMB	15
TXRX_CAN_8SOIC_CC	TXRX CAN 8-SOIC MCP2551	2
TXRX_MAX202_16TSSOP_CC	TXRX DUAL IC MAX202 RS232 5V 16TSSOP +/- 15KV ESD protection	1
TXRX_MC33390_J1850_8SOIC_CC	TXRX IC J1850 CLASS B SERIAL LINK	1
TXRX_MC33399_LIN_8SOIC_CC	TXRX IC LIN INTERFACE WITH/WAKE	1
TXRX_RS485_8SOIC_CC	TXRX RS485 8-SOIC MAX483 TI SN65176BDR -40C/105C	2
TXRX_SWCAN_14SOIC_CC	TXRX IC SW CAN 14SOIC	1

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