



# Bill of Materials

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Source Data From: datagoo\_1.PrjPcb  
 Project: datagoo\_1.PrjPcb  
 Variant: None

Creation Date: 3/15/2012 1:25:29 AM  
 Print Date: 40983 40983.05946

Footprint	Comment	LibRef	Designator	Description	Quantity
C0805	FB_MMZ2012Y 152B	FB_MMZ2012Y 152B	B1	FERRITE CHIP 1500 OHM 500MA 0805	1
PL-651628-2C	BAT_PL-651628-2C	BAT_PL-651628-2C	B2	Polymer Li-Ion Cell:3.7V 210mAh (651628-2C, 0.77Wh, 0.42A rate)	1
NICHICON_C AP_UBCV1V1 01MNS1GS C0805	AUTO_CAP_AL_UM_100UF_35V_20%_SMD _template_cap	AUTO_CAP_AL_UM_100UF_35V_20%_SMD	C1	CAP ALUM 100UF 35V 20% SMD	1
			C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18		17
			CAP CER 0.1UF 16V 10% X7R 0805, CAP CER 0.1UF 25V 10% X7R 0805, CAP CER 1UF 16V 10% X7R 0805, CAP CER 4.7UF 6.3V 10% X5R 0805, CAP CER 10UF 6.3V 10% X5R 0805, CAP CER 18PF 50V 5% NP0 0805		
SOD523	ZENER_MM525V1	ZENER_MM525V1	D1, D2, D3	DIODE ZENER 5.1V 200MW SOD-523F	3
7SEG_2-Digit_LITE-ON	7SEG_2DIG_LT-D-4608JR	7SEG_2DIG_LT-D-4608JR	D4	LED 7-SEG .40" 2DGT SUPER RED CA	1
C0603P	LED_LG_Q971-KN-1	LED_LG_Q971-KN-1	D5, D6, D8	LED CHIPLED 570NM GREEN 0603 SMD	3
FAIRCHILD_SOIC-4	BRIDGE_MB6S	BRIDGE_MB6S	D7	IC RECT BRIDGE 0.5A 600V 4SOIC	1
SDCARD_20410214	SDCARD_20410214	SDCARD_20410214	D9	CONN SD CARD PUSH-PULL SMD	1
MINI_USB_0519	CONN_USBMINI_B_54819-0519	CONN_USBMINI_B_54819-0519	H1	CONN USB RECEPTACLE 5POS RT ANG	1
3.5mm wShield	3.5mm Audio	3.5mm Audio	J3		1
SIM_C70710	SIM_C707_10M0060492	SIM_C707_10M006_0492	J4	CONN SMCARD SIMLOCK W/ALIGN PINS	1
PTS 525	Switch Momentary	Switch Momentary	J5		1
2x3 Header	AVR Programming Header	AVR Programming Header	J6		1
3SOT23	PFET_IRLML2246TRPBF	PFET_IRLML2246TRPBF	Q1, Q3, Q4	MOSFET P-CH 20V 2.6A SOT23	3
4SOT23	NFET_ZMN7A11GCT	NFET_ZMN7A11GCT	Q2	MOSFET N-CH 70V 3.8A SOT-23	1
R0805	_template_resistor	311-1.0ARCT-ND, 311-2.0KARCT-ND, 311-8.20KARCT-ND, 311-75ARCT-ND, 311-100KARCT-ND, 311-160ARCT-ND, 311-220ARCT-ND, 311-470KARCT-ND, 541-1.0KARCT-ND, P10KCBCT-ND, P33CECT-ND, RHM110KCRCT-ND	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35	RES 1.0K OHM 1/8W 5% 0805 SMD, RES 1.0 OHM 1/8W 5% 0805 SMD, RES 2.0K OHM 1/8W 5% 0805 SMD, RES 8.20K OHM 1/8W 1% 0805 SMD, RES 10K OHM 1/10W 1500PPM 5% 0805, RES 33 OHM 1/10W 3900PPM 5% 0805, RES 75 OHM 1/8W 5% 0805 SMD, RES 100K OHM 1/8W 5% 0805 SMD, RES	34
R0805	220.0	311-220ARCT-ND	R25	RES 220 OHM 1/8W 5% 0805 SMD	1
SWITCH_KAJ01SGGT	SWITCH_KAJ01SGGT	SWITCH_KAJ01SGGT	SW1	SWITCH DIP LOW PRO 1 POS GOLD	1
SOT23-5	ADP122	ADP122	U1	3.3V LDO up to 300 mA	1
SOT23-5	OP_NJU7011F-TE1	OP_NJU7011F-TE1	U2	IC OPAMP CMOS LOW-PWR MTP5	1
SM5100B-28SSOP65	IC_SM5100B	IC_SM5100B	U3	SM5100B-D GSM/GPRS Module	1
32TOFP7	IC_FT232RL	IC_FT232RL	U5	IC USB FS SERIAL UART 28-SSOP	1
	MCU_ATMEGA328	MCU_ATMEGA328	U6	IC MCU AVR 32K FLASH 32TOFP	1
5SOT23	LIION_MCP7383	LIION_MCP7383	U8	IC CONTROLLER LI-ION 4.2V SOT23-5	1
XTAL_HC49US	8MHz	XTAL_8MHz-49US	X1	8MHz 18pf 10ppm	1

Approved \_\_\_\_\_ Notes \_\_\_\_\_

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