

Report Generated From DXP

Description	Designator	Footprint	LibRef	Value
Multicell Battery	BT1	BT1	Battery	
Capacitor	C1	0805	Cap	104
Capacitor	C2	0805	Cap	104
Capacitor	C3	0805	Cap	104
Capacitor	C4	0805	Cap	104
Capacitor	C5	0805	Cap	104
Capacitor	C6	0805	Cap	0.1uF
Capacitor	C7	0805	Cap	0.1uF
Capacitor	C8	0805	Cap	0.1uF
Capacitor	C9	0805	Cap	0.1uF
Capacitor	C10	0805	Cap	0.1uF
Capacitor	C11	0805	Cap	10pF
Capacitor	C12	0805	Cap	10pF
Capacitor	C13	0805	Cap	0.1uF
Capacitor	C14	0805	Cap	104
Capacitor	C15	0805	Cap	104
Capacitor	C16	0805	Cap	104
Capacitor	C17	0805	Cap	104
Capacitor	C18	0805	Cap	104
Capacitor	C19	0805	CAP	103
Capacitor	C20	0805	CAP	104
Capacitor	C21	0805	CAP	10p
Capacitor	C22	0805	CAP	10p
Capacitor	C23	0805	CAP	104
Capacitor	C24	0805	CAP	102
Capacitor	C25	0805	CAP	103
Capacitor	C26	0805	CAP	104
Capacitor	C27	0805	CAP	104
Capacitor	C28	0805	CAP	104
Capacitor	C29	0805	CAP	104
Capacitor	C30	0805	CAP	104
Polarized Capacitor (Axial)	C31	3216	CAP POL2	10uF
Polarized Capacitor (Axial)	C32	3216	CAP POL2	10u
Polarized Capacitor (Axial)	C33	3216	CAP POL2	10u
Polarized Capacitor (Radial)	C34	7343	CAP POL1	100uF
Capacitor	C35	0805	cap	104
Header, 9-Pin	COM1	DB9RA/F	HEADER 9	
Header, 9-Pin	COM2	DB-9/M	Header 9	
Default Diode	D1	1N4007	Diode	
Schottky Diode	D2	1N4007	D Schottky	
Schottky Diode	D3	1N4007	D Schottky	
Header, 5-Pin	J1	USB_d	HEADER 5	
Header, 6-Pin	J2	HDR1X6	header 6	
Header, 10-Pin, Dual row	J3	HDR2X8	Header 10X2	
Header, 3-Pin	JP1	HDR1X3	HEADER 3	
LCM , 16X2 characters	LCM1	HDR1X16	LCM1602	
Typical RED GaAs LED	LED1	0805	LED1	

Description	Designator	Footprint	LibRef	Value
Typical RED GaAs LED	LED2	0805	LED1	
Typical RED GaAs LED	LED3	0805	LED1	
Header, 3-Pin	P1	HDR1X3	Header 3	
Header, 3-Pin	P2	HDR1X3	Header 3	
NPN Bipolar Transistor	Q1	SO-G3/C2.5	npn	
NPN Bipolar Transistor	Q2	SO-G3/C2.5	NPN	
Resistor	R1	0805	res2	47K
Resistor	R2	0805	res2	10K
Resistor	R3	0805	res2	10K
Resistor	R4	0805	res2	10K
Resistor	R5	0805	res2	1K
Resistor	R6	0805	res2	1K
Resistor	R7	0805	res2	1K
Resistor	R8	0805	res2	10K
Resistor	R9	0805	res2	10K
Resistor	R10	0805	Res2	10K
Resistor	R11	0805	Res2	10K
Resistor	R12	0805	Res2	10K
Resistor	R13	0805	Res2	10K
Resistor	R14	0805	Res2	100K
Resistor	R15	0805	Res2	10K
Resistor	R16	0805	Res2	0
Resistor	R17	0805	Res2	1.5k
Resistor	R18	0805	Res2	10K
Resistor	R19	0805	Res2	10K
Resistor	R20	0805	Res2	10K
Resistor	R21	0805	Res2	10K
Resistor	R22	0805	Res2	10K
Resistor	R23	0805	Res2	10K
Resistor	R24	0805	Res2	10K
Resistor	R25	0805	Res2	10K
Resistor	R26	0805	RES2	1K
Resistor	R27	0805	RES2	1K
Resistor	R28	0805	RES2	1K
Resistor	R29	0805	RES2	1.5K
Resistor	R30	0805	RES2	27
Resistor	R31	0805	RES2	27
Resistor	R32	0805	RES2	1K
Resistor	R33	0805	RES2	10K
Resistor	R34	0805	RES2	10K
Resistor	R35	0805	RES2	1K
Resistor	R36	0805	RES2	1K
Resistor	R37	0805	RES2	1K
Resistor	R38	0805	RES2	5.1K
Resistor	R39	0805	RES2	51K
Resistor	R40	0805	RES2	1K
Resistor	R41	0805	RES2	51K
Resistor	R42	0805	RES2	10K
Resistor	R43	0805	RES2	10K

Description	Designator	Footprint	LibRef	Value
Variable Resistor	R44	PIN2	Res Adj1	10K @ 25'C
Switch	S1	Button	SW-PB	
Switch	S2	Button	SW-PB	
Switch	S3	Button	SW-PB	
Switch	S4	Button	SW-PB	
Switch	S5	Button	SW-PB	
MAXIM RS232 CONVERTER	U1	SO-G16	MAX232	
8P IC	U2	SO-8	8P	
ATMEL AT91 SMART ARM SE	U3	QFP64-L	AT91SAM7S	
	U4	SO-8	8PIN	
VOLTAGE REGULATOR	U5	SOT223	AS1117	
ATMEL EEPROM WITH I2C	U6	SO-8	AT24CXX	
Potentiometer	VR1	VR5	RPot2	20K
Crystal Oscillator	Y1	CRYSTAL	XTAL	
Crystal Oscillator	Y2	HDR1X2	XTAL	