

Partlist exported from

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Part	Value	Device	Package	Description
AD		PINHD-1X6	1X06	PIN HEADER
C1	100n	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C2	100n	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C3	1u	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C4	100n	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C5	100n	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C6	100n	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C7	100n	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C8	1u	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C9	22p	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C10	22p	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C11	22p	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
C12	22p	C-EU0603-RND	C0603-ROUND	CAPACITOR, European symbol
D1	M7	DIODE-SMB	SMB	DIODE
F1	500mA	L-EUL1812	L1812	INDUCTOR, European symbol
GROUND		SJ	SJ	SMD solder JUMPER
IC1	MC33269ST-5.0T3	MC33269ST-3.3T3	SOT223	Adjustable Output Low Dropout
Voltage Regulator	800 mA			
IC2	MC33269D-5.0	MC33269D-5.0	DPACK	Adjustable Output Low Dropout
Voltage Regulator	800 mA			
ICSP	ICSP	PINHD-2X3	2X03	PIN HEADER
ICSP1	ICSP	PINHD-2X3	2X03	PIN HEADER
IOH		PINHD-1X8	1X08	PIN HEADER
IOL		PINHD-1X8	1X08	PIN HEADER

L	YELLOW	LEDCHIP-LED0805	CHIP-LED0805	LED
L1	BLM21	WE-CBF_0805	0805	SMD EMI Suppression Ferrite
Beads	GREEN	LEDCHIP-LED0805	CHIP-LED0805	LED
ON				
PC1	47u	CPOL-EUD	PANASONIC_D	POLARIZED CAPACITOR, European
symbol				
PC2	47u	CPOL-EUD	PANASONIC_D	POLARIZED CAPACITOR, European
symbol				
POWER		PINH-1X6	1X06	PIN HEADER
Q1	16MHz	XTAL/S	QS	CRYSTAL
Q2	16MHz	XTAL/S	QS	CRYSTAL
R1	1M	R-EU_R0603	R0603-ROUND	RESISTOR, European symbol
R2	1M	R-EU_R0603	R0603-ROUND	RESISTOR, European symbol
R3	27R	R-EU_R0603	R0603-ROUND	RESISTOR, European symbol
RESET	TS42	TS42	TS42	TS42
RESET-EN		SJ	SJ	SMD solder JUMPER
RN1	10K	4R-NCAY16	CAY16	Array Chip Resistor
RN2	1K	4R-NCAY16	CAY16	Array Chip Resistor
RN3	22R	4R-NCAY16	CAY16	Array Chip Resistor
RN4	1K	4R-NCAY16	CAY16	Array Chip Resistor
RX	YELLOW	LEDCHIP-LED0805	CHIP-LED0805	LED
T1	FDN304V	PMOSSOT23	SOT-23	MOS FET
TX	YELLOW	LEDCHIP-LED0805	CHIP-LED0805	LED
U\$3	FIDUCIALMOUNT	FIDUCIALMOUNT	FIDUCIA-MOUNT	
U\$4	FIDUCIALMOUNT	FIDUCIALMOUNT	FIDUCIA-MOUNT	
U\$6	FIDUCIALMOUNT	FIDUCIALMOUNT	FIDUCIA-MOUNT	
U1	LM358D	LM358D	S008	OP AMP also LM158; LM258;
LM2904				
U2	LP2985-33DBVR	TPS77033	SOT23-DBV	ULTRALOW-POWER 50-mA
LOW-DROPOUT	LINEAR REGULATORS			

U3	ATMEGA8U2-MU	ATMEGA8U2-MU	QFN32	
UBOOT		SJ	SJ	SMD solder JUMPER
X1	DC21MMX	DC21MMX	DC-21MM	
X2		PN61729	PN61729	BERG USB connector
Y1	16MHz	RESONATORMU	RESONATOR	
Y2	16MHz	RESONATORMU	RESONATOR	
Z1	PGB1010604	VARISTORCN0603	CT/CN0603	VARISTOR
Z2	PGB1010604	VARISTORCN0603	CT/CN0603	VARISTOR
ZIC1	ATMEGA8	AT90S4433P	DIL28-3	MICROCONTROLLER