

Part Name	Description	Footprint	Part Number	Quantity
RD0505D	DC to DC converter 5V in +-5V out	SIP_NMG	945-1136-ND	1
74HC541	Octal Buffer, Line Driver	20-SOIC	296-1202-1-ND	1
74HC590	8-Bit Binary Counter Register	SOIC-16	296-17132-1-ND	2
ADS830E	8-Bit, 60 MSPS ADC Single-Ended / Differential Input, Internal / External Reference and Programmable Input Range, -40 to 85 degC, 20-pin SOP (DBQ20), Green (RoHS & no Sb/Br)	20-SSOP	ADS830E-ND	1
ATMEGA16	ATMEGA16 Microcontroller	44-TQFP	ATMEGA16A-AU-ND	1
BNC Connector	BNC Straight	BNC_VERT	A97581-ND	1
10Mhz Crystal	Crystal Oscillator	XTAL_FLAT_SMD	887-1080-1-ND	1
MCP4901	DAC 8bit SPI	SOIC-8	MCP4901-E/SN-ND	1
Diode	Diode	SOD-123		2
Si8421	Dual Channel Digital Isolator Both Ways	SOIC-8	336-1755-5-ND	1
MAX9032	Dual Comparator	SOIC-8	MAX9032ASA-ND	1
XC9536XL-10VQ44C	FastFLASH XC900XL, 3.3V High-Performance 36 Macrocell CPLD, 34 User I/Os, 44-Pin VQFP, Speed Grade 10, Commercial Grade	VQ44_L	122-1385-ND	1
Header 3X2	Header, 3-Pin, Dual row	HDR2X3	952-2121-ND	2
JTAG Header	JTAG_CON	BOXEDVERT10	OR896-ND	1
LED Green	Light Emitting Diode	0805D	160-1423-1-ND	3
LED Red	Light Emitting Diode	0805D	475-1415-1-ND	3
MCP1700T-3302E/MB	Low Quiescent Current LDO, 3-Pin SOT-89, Extended Temperature, Tape and Reel	SOT-89-MB3_L	MCP1700T3302EMBCT-ND	1
Pushbutton	Momentary Push Button Switch 1P 1T 2pins	SPST PB SWITCH SMD	CKN9085CT-ND	2
LT1819	OpAmp High Frequency Dual	SOIC-8	LT1819CMS8#PBF-ND	2
PT7C4511WEX	PLL Clock Multiplier	SOIC-8	PT7C4511WEXDICT-ND	1
CY7C1019DV33-10ZSXI	SRAM 128k x 8	TSOP-32	428-1967-ND	1
USB	USB B Type Connector	USBPLUG	609-1039-ND	1
FT232RL	USB to Serial bridge	SSOP-28	768-1007-1-ND	1
BSS138	N-Channel MOSFET	SOT-23-3	BSS138CT-ND	3
PMBFJ309	N-Channel JFET	SOT-23-3	568-6484-1-ND	1