Ozy

Item

#	Qty	Part Number	Value	Ref.Des.	PCB Footprint	Vendor	Vendor PN	Manufacturer
1	2	T491A106M016AT	CAP TANTALUM 10UF 16V 20% SMD (Ozy)	C25,41	3216 Tant	Mouser	80-T491A106M016	
2	2	08055A120JAT2A	CAP 12PF 50V CERM CHIP 0805 SMD (Ozy)	C2,C3		Mouser	581-08055A120J	AVX
3	36	GRM219F51H104ZA01D	CAP .1UF 16V CERAMIC X7R 0805 (Ozy)	C1,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13, C14,C15,C16,C17,C18,C19,C20,C21,C22, C24,C26,C27,C28,C29,C30,C31,C32,C33, C35,C36,C37,C38,C39,C40,C42	Bypass 0.1uF 0805	Mouser	81-GRM40Y104Z50D	Murata
4	2	T491A105K025AT	CAP TANTALUM 1.0UF 25V 10% SMD (Ozy)	C23,C34	3216 Tant			
5	2	BAT43WS-TP	DIODE SCHOTTKY 30V 200MA SOD323 (Ozy)	D13, D14		Mouser	833-BAT43WS-TP	MCC
6	7	22-28-4020	CONN HEADER 2POS .100 VERT GOLD (Ozy)	J1,J2,J3,J4,J5,J7,J21	2 Pin Headers			
7	3	22-28-4030	CONN HEADER 3POS .100 VERT GOLD (Ozy)	J23,J24,J32	3 PIN			
8	1	182-009-213R161	CONN DB9 FEMALE .318" R/A NICKEL (Ozy)	J8	DB9 Female	Digi-Key	182-709FE-ND	Norcomp
9	1	182-025-212-181	CONN DB25 FEM .318" RA MET SHELL (Ozy)	J20	DB25 Female	Digi-Key	182-825F-ND	Norcomp
10	3	68786-102	Bergcon Connectors SHUNT 15u GOLD (Ozy)	J23:2-3,J24:1-2,J32:1-2	Jumper 2.54MM			
11	9	MCR03EZPJ000	RES 0.0 OHM 1/10W 5% 0603 SMD (Ozy)	J9:1-3,J16:1-3,J18:1-3,J19:1-3,J22:1-3,	0603 Zero Ohm Jumpers	Digi-Key	RHM0.0GCT-ND	Rohm
12	1	PEC10DAAN	CONN HEADER .100 DUAL STR 20POS (Ozy)	J17	2x10 Header	Digi-Key	S2012E-10-ND	Sullins
13	12	LTST-C170CKT	LED RED CLEAR 0805 SMD (Ozy)	D1,D2,D3,D4,D5,D6,D7,D8,D9,D10,D11,D12	Ordered reel of 3000			
14	2	MMZ2012R601A	FERRITE CHIP 600 OHM 500MA 0805 (Ozy)	L3,L4	600 OHM	Digi-Key	445-1554-1-ND	TDK
15	2	M25C10MXP	M2.5X10MM SCREWS ZINC (Ozy)	M1,M2		AIH	M25C10MXP	AIH
16	2	M25CNMS	M2.5 NUTS ZINC (Ozy)	M3,M4		AIH	M25CNMS	AIH
17	1	61729-0010BLF	CONN RCPT USB TYPE B R/A PCB (Ozy)	P1	USB Connector Type B, RA	Mouser	649-61729-0010BLF	FCI
18	1	09-03-196-6921	CONN DIN PLUG 96POS RT ANG PCB (Ozy)	J31	96 PIN	Newark	96F2677	Harting
19	3	10-89-7101	CONN HEADER .100 DUAL STR 10POS (Ozy)	J6, HDR1,HDR2	10 PIIN	Mouser	538-10-89-7101	Molex
20	6	RC0805FR-0710KL	RES 10K OHM 1/8W 5% 0805 SMD (Ozy)	R1,R2,R3,R5,R6,R28	10K OHM			
21	3	RC0805FR-071KL	RES 1.00K OHM 1/8W 1% 0805 SMD (Ozy)	R4,R7,R8	1.00K OHM			
22	1	MCR10EZPJ106	RESISTOR 10M OHM 1/8W 5% 0805 (Ozy)	R27	10M OHM	Digi-Key	RHM10MARCT-ND	Rohm
23	2	EXB-A10P222J	RES NETWRK 2.2K OHM 8RES 10P SMD (Ozy)	R11 ,R14	2.2K Resistor Pack	Digi-Key	U7222CT-ND	Panasonic
24	1	EXB-A10P103J	RES NETWRK 10K OHM 8RES 10PN SMD (Ozy)	R16	Resistor Pack 10K	Digi-Key	U7103CT-ND	Panasonic
25	4	EZA-ST13AAAJ	RC NETWORK 22 OHM/100PF 5% SMD (Ozy)	R9,R10,R25,R26	RC LFP 22 Ohm, 100pF	Digi-Key	PST13CT-ND	Panasonic
26	2	EZA-ST33AAAJ	RC NETWORK 100 OHM/100PF 5% SMD (Ozy)	R12,R13	RC LFP 100 Ohm, 100pF	Digi-Key	PST33CT-ND	Panasonic
26	9	EXB-A10P104J	RES NETWRK 100K OHM 8RES10PN SMD (Ozy)	R15,R17,R18,R19,R20,R21,R22,R23,R24	Resistor Pack 100K	Digi-Key	U7104CT-ND	Panasonic
28	1	LD1117S33TR	IC LDO REGULATOR +3.3V SOT-223 (Ozy)	U14	3.3V Regulator in SOT-223			
29	1	MAX1406CWE	IC TXRX RS232 230KBPS 16-SOIC (Ozy)	U7	RS232	Digi-Key	MAX1406CWE+-ND	Maxim/Dallas
30	1	DS2480B+	IC LINE DRVR W/SENSOR 1-W 8-SOIC (Ozy)	U2	Serial to 1 Wire convertor	Digi-Key	DS2480B+-ND	Maxim/Dallas
31	1	EPCS4SI8N	IC CONFIG DEVICE 4MBIT 8-SOIC (Ozy)	U1	Serial Config Device for EP2C8	Arrow	EPCS4SI8N	Altera
32	1	SN65LVDM050D	IC DUAL LVDS TX/RCVR 16-SOIC (Ozy)	U3	HIGH SPEED DIFF LINE DRV	Digi-Key	296-1416-5-ND	TI
33	1	24LC128-I/SN	IC SERIAL EEPROM 128K 2.5V 8SOIC (Ozy)	U4	SERIAL EEPROM, 128K, SOIC8 Nar	Newark	12C2008	Microchip
34	1	CY7C68013A-128AXC	IC MCU USB PERIPH HI SPD 128TQFP (Ozy)	U5	Cypress CY7C68013A Microcontroll	Digi-Key	428-1668-ND	Cypress
35	1	MCP130T-270I/TT	IC SUPERVISOR 2.70V LOW SOT23 (Ozy)	U9	Use item 36 or this part	Newark	19C7174	Microchip
36	1	MCP130T-300I/TT	IC SUPERVISOR 3.00V LOW SOT23 (Ozy)	U9	Use item 35 or this part	Newark	19C7176	Microchip
37	2	74ACT541MTR	IC OCTAL BUS BUFFER 20 SOIC (Ozy)	U8,U15	OCTAL BUFFER	Avnet	CD74ACT541M96	TI
38	1	ULN2003AD	IC DARL TRANS ARRAY 16-SOIC (Ozy)	U11	Darlington Array	Allied	735-2034	TI
39	1	EP2C8Q208C8	IC CYCLONE II FPGA 8K 208-PQFP (Ozy)	U12	Altera Cyclone II, 208 Pin PQFP	Arrow	EP2C8Q208C8N	Altera
40	1	74LCX541MTR	IC LV OCTAL BUS BUFFER 20 SOIC (Ozy)	U13	OCTAL BUS BUFFER	Newark	89K1185	STMicro

41	1	LD1117S12TR	IC REG LDO POS 800MA 1.2V SOT223 (Ozy)	U10	Use item 42 or this part	Newark	89K0624	STMicro
42	1	FAN1112-1.2V	IC REG LDO POS 800MA 1.2V SOT223 (Ozy)	U10	Use item 41 or this part			STMicro
43	1	ECS-240-16-4X	CRYSTAL 24.000MHZ 16PF HC-49/US (Ozy)	Y1	CRYSTAL, 24.000 MHz	Mouser	520-HCU2400-16X	ECS