

			B2714 PROTOTYPE/PRODUCTION UCHOLA PART ORDER LIST							
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				20-Jun-11						
ITEM#	REFERENCE	MANUFACTUERER	PART NAME	PART#/VALUE	Unit/Board	Prototype QTY	Production QTY	Digikey#	unit \$	Total \$
1	QZ2	CTS	OSC 50.0000 MHZ 3.3V SMD	CB3LV-3I-50M0000	1	10	250	CTX327LVCT-ND	\$2.41	\$602.50
2	U1	Silicon Labs	Si590BB100M000DGR	Si590BB100M000DGR	1	10	250	Call for freq. programming	\$9.16	\$2,290.00
3	U5	Altera	EP4CGX15BF14C6N	EP4CGX15BF14C6N	1	10	250	EP4CGX15BF14C6N-ND	\$37.74	\$9,435.00
4	U6	Altera	EPCS4SI8N	EPCS4SI8N	1	10	250	544-1379-5-ND	\$13	\$3,250.00
5	U7	IDT	ICS85411AMLF	ICS85411AMLF	1	10	250	800-1184-5-ND	\$6.08	\$1,520.00
6	U8	LT	LTM4614EV#PBF	LTM4614EV#PBF	1	10	250	LTM4614EV#PBF-ND	\$18.82	\$4,705.00
7	U10	TI	TPS3808G33DBVR	TPS3808G33DBVR	1	10	250	296-17195-1-ND	\$1.54	\$385.00
8	J10, J11	Tyco	CONN PT USE W/SFP CAGES 15AU	1367073-1	2	20	500	A97430CT-ND	\$1.55	\$773.50
9A	FC1, FC2	TyCo	CONN SFP CAGE SINGLE PRESS-FIT	1489669-1	2	20	500	A97415-ND	\$2.86	\$1,430.00
9B	OPT1, OPT2	Avago	SFP 3.3V 2/1GBS Optical Transceiver	AFBR-57M5APZ	2	20	500	516-1713-ND	\$32.90	\$16,450.00
10	J1	Tyco	CONN PLUG 64POS DL BRD/BRD VERT	120527-1	1	10	500	A97407CT-ND	\$3.80	\$1,900.00
11	J2, J3	Tyco	20-pin-straight JTAG connector	103308-1	2	20	500	A33159-ND	DNE	0
12	LED1, LED4, LED5, LED8	Dialight	GREEN LED 2MM RA GRN PC MNT	555-2301F	4	100	1000	350-1716-ND	\$0.61	\$613.00
13	LED2, LED3, LED6, LED7	Dialight	RED LED 2MM RA GRN PC MNT	555-2001F	4	100	1000	350-1711-ND	\$0.68	\$681.00
14	D1, D2, D3, D4	Central	CMPD4150	CMPD4150	4	0	1000	Mouser: 610-CMPD4150	\$0.10	\$100.00
15	intentionally left blank									
16	intentionally left blank									
17	intentionally left blank									
18	intentionally left blank									
19	intentionally left blank									
20	L1, L2, L3, L4, L5, L10, L11, L12, L13	TDK	FERRITE CHIP 600OHM 25% 0805 SMT	MPZ2012S601A	9	4000	0	445-2206-2-ND	Stock	
	R6, R25, R26, R29, CR11, CR12, CR3, CR9	Panasonic	0.0 OHM RES 1/10W 0402 SMD	ERJ-2GE0R00X	8	5000	0	P0.0JTR-ND	Stock	
22	RT3, RT4, RT5	Panasonic	100 OHM RES 1/10W 1% 0402 SMD	ERJ-2RKF1000X	3	5000	0	P100LTR-ND	Stock	
	R17,R20, R22, R124, R154, RM1, RTA1	Panasonic	0.0 OHM RES 1/10W 0603 SMD	ERJ-3GEY0R00V	7	5000	0	P0.0GTR-ND	Stock	
24	R5	Panasonic	22.0 OHM RES 1/10W 1% 0603 SMD	ERJ-3EKF22R0V	1	5000	0	P22.0HTR-ND	Stock	
25	RL1, RL2, RL3, RL4, RL5, RL6, RL7, RL8	Yageo	180 OHM RES 1/10W 1% 0603 SMD	9C06031A1800FKHFT	8	5000	0	311-180HTR-ND	Stock	
26	R8, R9	Yageo	200 OHM RES 1/10W 1% 0603 SMD	9C06031A2000FKHFT	2	5000	0	311-200HTR-ND	Stock	
	R10, R11, R12, R13, R37, R120, R121, R122, R123, R125, R150, R151, R152, R153, R155, RFB2, Rp1, Rp2	Yageo	10.0K OHM RES 1/10W 1% 0603 SMD	9C06031A1002FKHFT	18	5000	0	311-10.0KHTR-ND	Stock	
28	R1, R2, R14, R15, R16, R21	Yageo	1.0K OHM RES 1/10W 1% 0603 SMD	9C06031A1001FKHFT	6	5000	0	311-1.00KHTR-ND	Stock	
29	RFB1	Yageo	2.37K RES OHM 1/10W 1% 0603 SMD	9C06031A2371FKHFT	1	5000	0	311-2.37KHTR-ND	Stock	
30	RR1	Yageo	2.0K RES OHM 1/10W 1% 0603 SMD	9C06031A2001FKHFT	1	5000	0	311-2.00KHTR-ND	Stock	
31	DO NOT USE	Yageo	4.99K RES OHM 1/10W 1% 0603 SMD	9C06031A4991FKHFT	1	5000	0	311-4.99KHTR-ND	Stock	

32	RTD	Yageo	49.9K RES OHM 1/10W 1% 0603 SMD	9C06031A4992FKHFT	1	5000	0	311-49.9KHTR-ND	Stock	
33	intentionally left blank									
34	C104, C102, C103, C108, C109, C112, C115, C39, C51, C64, C87	Kemet	0.1UF CER CAP 10V X5R 0402	C0402C104M8PACTU	11	5000	0	C0402C104M8PACTU-ND	Stock	
35	C105, C107, C110, C122, C123, C124, C136, C138, C16, C18, C24, C26, C32, C44, C48, C49, C55, C57, C58, C59, C63, C73, C74, C75, C76, C77, C83, C89, C91, C106, C118, C12, C127, C13, C15, C17, C19, C202, C206, C212, C216, C27, C28, C40, C41, C42, C43, C45, C46, C47, C50, C56, C65, C66, C67, C78, C79, C84, C88, C9, C90, C93, C95	Kemet	0.1UF CER CAP 10V X7R 0603	C0603C104M8RACTU	63	33000	0	C0603C104M8RACTU-ND	Stock	
36	C111, C130, C131, C133, C25, C31, C34, C68, C69, C85, C92, C94, C96, C97, C113, C114, C116, C117, C128, C132, C134, C201, C205, C211, C215, C220, C222, C29, C30, C33, C86, C98, C99	AVX	0.01uF CER CAP 10V X7R 0603	0603ZC103MAT2A	33	5000	0	0603ZC103MAT2A-ND	Stock	
37	CR1, CR2	AVX	1000PF CER CAP 10V X7R 0603	0603ZC102MAT2A	2	4000	0	0603ZC102MAT2A-ND	Stock	
38	CC1, CC2,CC3, CC4, CF1, CF2	AVX	10PF CAP CER 10V NP0 0603	0603ZA100KAT2A	6	4000	0	0603ZA100KAT2A-ND	Stock	
39	C14, C52, C53, C54, C101, C120	TDK	4.7UF CAP CER 10V X5R 0603	C1608X5R1A475K	6	4000	0	445-5170-2-ND	Stock	
40	C8, C10, C20, C21, C22, C23, C35, C36, C37, C38, C60, C61, C62, C70, C71, C72, C80, C81, C82, C100, C119, C121, C221, C223	Panasonic	10UF CAP CERAMIC 10V X5R 0805	ECJ-GVB1A106M	24	4000	0	PCC2431TR-ND	Stock	
41	C1, C2, C3, C4, C5, C6, C7, C11, C135, C137, C200, C203, C204, C207, C210, C213, C214, C217, C253, C254, C300, C301	TDK	100UF CER CAP 10V X5R 20% 1206	C3216X5R1A107M	22	2000	0	445-6007-2-ND	Stock	
42	U2	Fairchild	Dual LVDS RECEIVER	fin1028MX	1	20	250	FIN1028MXCT-ND	\$1.71	\$427.50
43	RT1, RT2	Yageo	RES 33.0 OHM 1/16W 1% 0402 SMD	Yageo	2	10000		311-33.0LRTR-ND	Stock	
44	R7, R18, R19, R21, R23, R126, R156, RTB1	N/A	Optional R0603	DNI	8	0	0			
45	CT	N/A	Optional c0603p	DNI	1	0	0			
46	PCB Board						250		\$40.00	\$10,000.00
47	Board Assembly						250		\$39.00	\$9,750.00
								Total Cost of Production Run:		\$64,313