

FCCID:Q3KWL1000F49

2/12/2004

HighLink - ODU CPU - AP0039180 (rev 03) - BOM

Quantity	Description	Reference	Value	RADWIN
9	CAP.TAN SMD B 10uF 16V 10%	C20 C97 C111 C112 C	10uF/16V	EC0000420
90	CAP.CER SMD 0603 10nF 50V 10% ;X7R	C8 C9 C11 C12 C13 C	10nF/50V	EC0000430
2	"CAP.H.V,SMD,10nF,2KV,20%,0.2I,Z5V"	C36 C203	10nF/2KV	EC0000440
42	"CAP.CER SMD 0603 0.1uF 16V 5%,COG"	C2 C3 C4 C5 C6 C10 C	0.1uF/16V	EC0000450
1	CAP.CER SMD 0805 1uF 25V 10% ;X7R	C144	1uF/25V	EC0000470
5	"CAP.CER SMD 0603 1nF 50V 10%,X7R"	C121 C170 C173 C176	1nF/50V	EC0002620
2	CAP.CER SMD 0603 270pF 50V 5% ;COG	C134 C135	270pF/50V	EC0002800
1	CAP.CER SMD 2225 1uF 100V 10% ;X7R	C204	1uF/100V	EC0008500
1	CAP.CER SMD 0603 220pF 50V 5% ;COG	C184	220pF/50V	EC0010300
6	CAP.CER SMD 0805 0.1uF 50V 10% ;X7R	C143 C146 C156 C162	0.1uF/50V	EC0012690
2	CAP.CER SMD 1206 0.1uF 100V 5% ;X7R	C153 C161	0.1uF/100V	EC0016900
2	CAP.CER SMD 0805 47nF 100V 5% ;X7R	C151 C157	47nF/100V	EC0016970
6	CAP. TAN SMD D 330UF 10V LOW ESR	C35 C37 C38 C116 C1	330UF/10V	EC0020220
1	CAP. CER SMD 0805 330PF 50V 10%	C139	330PF/50V	EC0020250
1	CAP. CER SMD 0805 1000PF 50V 10%	C136	1000PF/50V	EC0020260
3	CAP. ELE T.H 8x11.5 22uF 100V	C31 C32 C34	22uF/100V	EC0020300
3	CAP. TAN SMD C 22uF 20V 10%	C147 C149 C150	22uF/20V	EC0020310
1	CAP. CER SMD 0805 22NF 50V 10%	C154	22NF/50V	EC0020320
1	CAP. CER SMD 0805 33NF 50V 10%	C1	33NF/50V	EC0020330
1	CAP. CER SMD 0805 220PF 50V 5%	C137	220PF/50V	EC0020340
1	CAP. CER SMD 0805 10nF 50V 10%	C159	10nF/50V	EC0020370
1	CAP. CER SMD 1812 470NF 100V	C178	470NF/100V	EC0020400
1	CAP. TAN SMD A 1.5UF 16V 10%	C160	1.5UF/16V	EC0020440
1	CAP. TAN SMD A 4.7UF 16V 10%	C167	4.7UF/16V	EC0020450
1	CAP. ELE SMD 18x15 150UF 100V ?	C114	150UF/100V	EC0020470
4	CAP.CER SMD 0805 10nF 100V 10% ;X7R	C26 C27 C205 C206	10nF/100V	EC0020960
0	CAP. ELE SMD 10x12.5 33uF 100V		33uF/100V	EC0023350

4	"DIODE,LED,SMD,0805,GREEN"	LD2 LD3 LD4 LD5	KPT-2012-SGC	ED0000530
1	"DIODE,SMD,SCHOTTKY RECTIFIER,3A,40V"	D12	30BQ040	ED0000590
2	"DIODE,DO-214,SIDUCTOR,Vs=77V,Ipp=150"	D1 D19	P0640SA	ED0013180
8	"DIODE,SMD,ULTRAFST RECTIFIER,1A,600V"	D2 D3 D4 D5 D13 D14	MURS160	ED0013190
2	"DIODE,SMT,SMA,1A,600V"	D34 D43	US1J	ED0019430
1	"DIODE,SMD,SMB,ZENER,3W,3.9V"	D38	1SMB5915BT3	ED0019440
4	"DIODE,SMD,SOD-323,FAST RECTIFIER,75V,250"	D15 D16 D30 D41	BAS316TRL	ED0019450
3	"DIODE,SMD,SOD-323,ZENER,323mW,18V"	D29 D32 D33	BZX384-C18	ED0019470
3	"DIODE,SMD,SOD-323,ZENER,323mW,15V"	D36 D37 D39	BZX384-C15	ED0020600
2	"DIODE,SMD,SMA,SCHOTTKY,20V,3A"	D28 D44	B230A-13	ED0020610
3	"DIODE,SMC,TVS,70V,1500W"	D17 D18 D20	SMCJ70CA	ED0021160
2	"DIODE,SMC,TVS,7.5V,1500W"	D10 D35	SMCJ7V.5CA	ED0039210
4	"FUSE SMT,1.25A ,250V"	F3 F4 F5 F6	1.25A	EF0013200
1	"FUSE SMT,2A ,125V ,S.B"	F2	2A/125V	EF0015710
1	"IC,SMD,TSSOP-20, OCTAL-BUS TRANSCEIVER,"	U6	74LCX245MTC	EI0000900
1	"IC,SMD,TSSOP-20,CMOS,OCTAL D-TYPE Flip-F"	U5	74LVC273PW	EI0000910
1	"IC,SMD,SOIC-8,CMOS,EEPROM 4K (512x8) WRI"	U10	AT24C04N-10SC-2.7	EI0000940
1	"IC,SMD,TSSOP-14,CMOS,QUAD 2-INPUT NAND"	U14	74LCX00MTC	EI0001000
1	"IC,SMD,SOT-223,ID CHIP,SILICON SERIAL NUM"	U9	DS2401Z	EI0001100
1	"IC,SMD,TSSOP-16,RS-232,TRANSCEIVER"	U27	MAX3232EUE	EI0001150
1	"IC,SMD,SO-8,CMOS UP SUPERVISORY CIRCUIT"	U15	ADM706TAR	EI0001270
1	"IC,SMD,PQFP-64,CMOS,DUAL-SPEED FAST ETH"	U12	LXT971ALE	EI0013280
1	"IC, LOW POWER CURRENT MODE PWM"	U1	UCC2813D-2	EI0019520
1	"IC, SMD,SOT-23,PRECISION MICROPOWER SHU"	U22	LM4041DIM3ADJ	EI0019530
1	"IC,PHOTOCOUPLER"	U7	TLP124TPR	EI0019550
1	"IC,VOLTAGE MONITOR,SMD,SO-8"	U23	MC33161DR2	EI0019570
1	"IC-8,10-BIT,DIGITAL THERMOMETER SENSOR"	U11	AD7416AR	EI0027650
1	"IC,SMD,SOT-23,SWITCHING VOLTAGE REGULA"	U25	LTC1772ES6	EI0032630
1	"IC,PHOTOCOUPLER X 4"	U13	TCMT4100	EI0035410
1	"IC,SMD, 492 PBGA, IXP425 NETWORK PROCESS"	U20	IXP425BDT (533MHz)	EI0038780
1	"IC,SMD,TSOP-56,STRATA FLASH MEMORY,3V ("	U17	E28F640J3A-110	EI0038790
2	SDRAM 8Mx16	U2 U18	MT48LC8M16A2T6-75 IT	EI0038940
1	"IC SMD, SOT23-5, uP SUPERVISORY CIRCUIT"	U26	LTC1728ES5-2.5	EI0039190
1	"IC,SMD,SOT-23,LINEAR VOLTAGE REGULATOR"	U19	LP2981IM5-5.0	EI0039200
1	OSCILLATOR,SMD,33.333MHz, 3.3V	Y3	C67-50-48-33.333	EI0039270
1	OSCILLATOR,SMD,33.000MHz, 3.3V	Y1	C67-50-48-33.000	EI0039280

1	"IC,SMD,SO-8,CMOS,DIFFERENTIAL TRANSCEIVER	U24	MAX3085EESA	EI0039290
1	OSC,SMD,25.000Mhz 3.3V	Y2	C67-50-48-25.000	EI0039300
1	CONN.BOARD,T.H,2 PIN(M) (ST),H=8.54mm	JP1	JUMPER	EJ0000620
1	CONN.COVER,2 PIN (F) JUMPER,H=6.3mm	CJP1	2 PIN (F) JUMPER,H=6.3	EJ0002320
1	CONN .MCX SMD FOR RF	J7	MCX	EJ0024110
1	CONNECTOR, SMD, MINI PCI TYPE III	J3	Mini PCI -Type III	EJ0038740
1	CONNECTOR, SMD, UFL TYPE	J6	UFL	EJ0038750
2	CONNECTOR, TH, RJ45 WITH LEDS	J1 J2	RJ45_W_LEDs	EJ0038760
1	"CONN.BOARD,SMT,(ST),20 PIN(10x2),(F),H=?"	J9	CH81202M100-00	EJ0039030
3	INDUCTOR SMD,1206,FERRITE 80R@100Mhz 4A	L9 L10 L11	FERRITE	EL0000760
4	INDUCTOR SMD,2.2uH,POWER INDUCTOR	L4 L5 L7 L8	2.2uH	EL0019600
1	COIL common. Mode choke 1.2mH, 2A	L3	B82721-K2202-N1	EL0019640
1	FERRITE SMD,1608, 600 ohm @ 100MHz	L2	FB	EL0028410
1	AUDIO INDICATOR	B1	SEM-1205C	EL0038980
1	"SMD Common Mode Choke, 35uH, 0.5A"	L6	GSTTTRF02-350	EL0039220
11	RES.NET SMD 1206 4x10R 5%	RN3 RN4 RN5 RN6 RN	4x10R	ER0000020
2	RES.NET SMD 1206 4x330R 5%	RN1 RN22	4x330R	ER0000030
30	RES SMD 0603 10K 5% 1/10W	R13 R15 R16 R41 R42	10K	ER0000080
2	RES SMD 0603 49.9R 1% 1/10W	R80 R81	49.9R	ER0000100
2	RES SMD 0603 1K 1% 1/10W	R4 R241	1K	ER0000120
7	RES SMD 0603 330R 1% 1/10W	R75 R188 R189 R199	330R	ER0000130
1	RES SMD 0603 22.1K 1% 1/10W	R158	22.1K	ER0000140
49	RES SMD 0603 0R 5% 1/10W	R11 R26 R27 R31 R35	0R	ER0000150
4	RES SMD 0603 100R 5% 1/10W	R107 R112 R172 R173	100R	ER0000160
1	RES SMD 0603 4.7K 5% 1/10W	R145	4.7K	ER0000190
2	RES SMD 0603 100K 5% 1/10W	R98 R106	100K	ER0000210
2	RES SMD 0603 10R 1% 1/10W	R14 R225	10R	ER0000230
8	RES SMD 0603 33R 5% 1/10W	R9 R12 R19 R37 R38	33R	ER0000280
1	RES SMD 0603 120R 5% 1/10W	R136	120R	ER0000290
2	RES SMD 2512 0.1R 1% 1W	R185 R186	0.1R	ER0000370
5	RES SMD 0603 1K 5% 1/10W	R7 R59 R64 R175 R22	1K	ER0001490
10	RES SMD 1206 0R 5% 1/4W	R60 R71 R110 R123 R	0R	ER0001580
1	RES SMD 0603 3.3K 5% 1/10W	R117	4.7K	ER0004000
1	RES SMD 0603 1.5K 5% 1/10W	R204	1.5K	ER0008420
2	RES SMD 0603 75R 1% 1/10W	R243 R244	75R	ER0011650
2	RES SMD 0603 220R 1% 1/10W	R62 R63	220R	ER0014530

1	RES SMD 0603 49.9K 1% 1/10W	R220	49.9K	ER0017180
2	RES SMD 0805 25.5K 1% 1/8W	R147 R148	25.5K	ER0019770
1	RES SMD 0805 7.15K 1% 1/8W	R140	7.15K	ER0019780
1	RES SMD 0805 1.21M 1% 1/8W	R163	1.21M	ER0019790
4	RES SMD 0805 3.32K 1% 1/8W	R139 R196 R197 R198	3.32K	ER0019800
1	RES SMD 0805 4.99K 1% 1/8W	R234	4.99K	ER0019810
1	RES SMD 0805 13.7R 1% 1/8W	R96	13.7R	ER0019840
1	RES SMD 0805 2.21K 1% 1/8W	R78	2.21K	ER0019850
1	RES SMD 0805 5.11K 1% 1/8W	R3	5.11K	ER0019860
1	RES SMD 0805 6.98K 1% 1/8W	R129	6.98K	ER0019870
1	RES SMD 0805 137R 1% 1/8W	R150	137R	ER0019880
1	RES SMD 0805 4.02K 1% 1/8W	R141	4.02K	ER0019890
1	RES SMD 0805 105K 1% 1/8W	R79	105K	ER0019900
1	RES SMD 0805 2.15K 1% 1/8W	R95	2.15K	ER0019910
1	RES SMD 0805 3.48K 1% 1/8W	R89	3.48K	ER0019920
2	RES SMD 2010 15K 1% 1/2W	R183 R200	15K	ER0020150
3	RES SMD 1206 0.25R 1% 1/4W	R156 R164 R176	0.25R	ER0020170
3	RES SMD 1206 2.05R 1% 1/4W	R1 R33 R124	2.05R	ER0020180
4	RES SMD 0805 100K 1% 1/8W	R83 R102 R146 R184	100K	ER0020490
1	RES SMD 0805 100R 1% 1/8W	R154	100R	ER0020500
1	RES SMD 0805 10K 1% 1/8W	R149	10K	ER0020510
2	RES SMD 0805 10R 1% 1/8W	R44 R153	10R	ER0020520
2	RES SMD 0805 1K 1% 1/8W	R5 R82	1K	ER0020530
2	RES SMD 0805 200K 1% 1/8W	R134 R138	200K	ER0020540
1	RES SMD 0805 49.9K 1% 1/8W	R6	49.9K	ER0020570
1	RES SMD 1206 4.99K 1% 1/4W	R219	4.99K	ER0021520
1	RES SMD 0805 300R 1% 1/8W	R2	300R	ER0032060
9	RES.NET SMD 8x10K 5% COMMON	RN2 RN10 RN11 RN12	8x10K/COM	ER0032100
1	RES SMD 0603 80.6K 1% 1/10W	R224	80.6K	ER0032610
1	RES SMD 0603 86.6K 1% 1/10W	R227	86.6K	ER0038920
1	SWITCH PUSH BUTTON	SW1	P.BUTTON	ES0000820
1	TRANSISTOR,SMD,SO-8,MOSFET (P) 1.8V	Q11	SI4465DY	ET0000780
3	TRANSISTOR,SMD,SOT-23,NPN,HIGH-F,L-POWER	Q6 Q10 Q12	MMBT2222ALT1	ET0000790
1	TRANSISTOR,SMD,SOT-23,PNP,HIGH-F,L-POWER	Q7	MMBT2907A	ET0002730
1	TRANSFORMER,SMD,1:40,6A	T1	HM33-10040TR	ET0019650
1	TRANSFORMER,T.H,	T4	TSRW003	ET0019680

1	TRANSFORMER, T.H,	T3	TSRW004	ET0019690
2	TRANSISTOR, SMD, SO-8, MOSFET, N-CHANNEL,	Q8 Q9	GF2208	ET0019710
1	TRANSISTOR, SMD, DPAK, MOSFET, N-CHANNEL,	Q1	IRFR230A	ET0021550
2	TRANSISTOR, SMD, D2PAK, MOSFET, N-CHANNE	Q2 Q3	IRF1310NS	ET0021590
1	10/100BASE-TX SINGLE	T2	H1102	ET0028360