

HIDALGO Ltd					Bill of Materials						
Stable Block At The Grange, 20 Market Street, Swavesey, Cambridge CB4 5QG, UK Tel: +44 (0)1954 233430, Fax: +44 (0)1954 233431					Project		Equivalent - USI Daughter Board				
					Project Ref		HIDA1224_G				
					Issue		1.1				
										02 April 06	
							Total No of Units: 40			Off	
Item	Qty.	Reference	Part	Pack	Supplier	Supplier Part Ref	Qty. Required	Qty. In Stock	MOQ/Qty Per Order	Cost Per Piece	Total Cost
1	1	C14	2p2, +/-5%, COG, 50V	0402	Farnell	301-9123	40		200	0.02000	£4.00
2	1	C11	12pF, COG, 50V	0402	Farnell	756-8134	40		100	0.09000	£9.00
3	2	C5,C6	15pF, COG, 50V	0402	Farnell	301-9172	80		300	0.01600	£4.80
4	3	C1,C13,C16	100pF, +/- 10%, X7R, 50V	0402	Flint	2238-587-15609 (PHY)	120	1000			£0.00
5	1	C12	1nF, X7R, 50V	0402	Farnell	301-9380	40		200	0.02000	£4.00
6	1	C15	3n3,+/-10%, X7R, 50V	0402	Farnell	301-9410	40		400	0.02000	£8.00
7	4	C2,C4,C8,C9	100n, -20/+80%, Y5V, 16V	0402	Flint	CC0402CY5V104ZTR (TDK)	160	1000			£0.00
8	1	C10	220n, +80 -20%, X7R, 16V	0603	Farnell	431-199	40		200	0.02800	£5.60
9	1	C3	10uF_6.3V_Tant_A	TANT_A	Whistler Technology Xchange	TPSA106K006R1500 (Alternatives, RS: 406-9794 or FN: 355-3796)	40	80			£0.00
10	1	C7	N/F	TANT_A							
11	7	R4,R5,R6,R7,R8,R9,R18	0R	0402	Flint	MCR01MZSE000 (ROHM)	280	1000			£0.00
12	1	R17	220R, 1%	0402	Farnell	360-3246	40		200	0.04700	£9.40
13	1	R14	560R, 1%	0402	Flint	MCR01MZSEF5600 (ROHM)	40	1000			£0.00
14	1	R16	1K5, 1%	0402	Flint	MCR01MZSEF1501 (ROHM)	40		10000	0.00185	£18.50
15	1	R10	3K3, 1%	0402	Flint	MCR01MZSEF3301 (ROHM)	40	1000			£0.00
16	1	R11	33K, 1%	0402	Flint	2322-706-73303 (PHY)	40	1000			£0.00
17	2	R12,R15	39K, 1%	0402	Farnell	195-224	80		200	0.03100	£6.20
18	1	R13	10K, 1%	0402	Flint	MCR01MZSEF1002 (ROHM)	40	1000			£0.00
19	1	R2	100K, 1%	0402	Flint	MCR01MZSEF1003 (ROHM)	40	1000			£0.00
20	1	R1	2M2, 1%	0402	Flint	MCR01MZSEF2204 (ROHM)	40	1000			£0.00
21	1	R3	N/F_0402	0402							
22	1	Q1	BFR380F	BFR380F_TSFP-3	Farnell	109-5668 (BFR380F)	40	50			£0.00
23	1	D1	KPH1608SD1C-NP		Kingbright	KPH1608SD1C-NP	40	50			£0.00
24	1	D2	SMV1251-079	SMV1251-079_SC-79	Skyworks	SMV1251-079	40	50			£0.00
25	1	LED1	Green_LED_0402	LED_0402	RS	466-3611	40	50			£0.00
26	1	Y1	EQ157 32.768KHz	PH32768J	Euro Quartz	PH32768J	40	50			£0.00
27	1	Y2	GSX-13 40.68MHz	GSX-13	Golledge	GSX-13 40.68MHz	40	50			£0.00
28	1	U1	PIC16LF88-I/SS	PIC16LF88-I/SS_SSOP	Microchip Direct	PIC16LF88-I/SS	40		50	1.65000	£82.50
29	1	J1	MOLEX 54729-0168	Molex_54729-0168	Whistler Technology Xchange	MOLEX 54729-0168	40	2000			£0.00
30	1	J3	FTS-103-01-F-DV	Samtec_FTS-103-01-F-DV	Toby Electronics	FTS-103-01-F-DV	40	50			£0.00
31	1	N/A	PCB	Double Sided	Express Circuits	HIDA1224_G_1_PCB	40		48	11.51375	£552.66
										Total	£704.66

Item	Qty.	Reference	Part	Pack	Supplier	Supplier Part Ref	Qty. Required	Qty. In Stock	MOQ/Qty Per Order	Cost Per Piece	Total Cost
								Cost Per Unit At 40 Off		£17.62	
Comments: Minor changes following SW testing											