Item	Qty	References	Value	Manufacturer	Manufacturer P/N	Vendor	Vendor P/N
1	1	J1 (or J5, or J9, or J13, or J17, or J21)	header, polarized, 14-ckt, straight, thru hole, 0.025" sq post, 0.100" x 0.100", 2A, 4-wall, low profile	3M	2514-6002UB	Digi-Key	MHB14K-ND
2	1	J2 (or J6, or J10, or J14, or J18, or J22)	connector, 10-ckt, ZIF, right angle, 0.5mm pitch, for 0.18mm thick FPC/FFC cable, top contact	Hirose Electric	FH12A-10S-0.5SH	Digi-Key	HFK10CT-ND
3	2	J3, J4 (or J7, J8, or J11, J12, or J15, J16, or J19, J20, or J23, J24)	connector, straight, 2-ckt, 0.1" spacing, 0.025" sq posts, gold flashed	Molex GC/Waldom	22-28-4023	Digi-Key	WM6502-ND
4	1	n/a	shunt, 2-pos, 0.100" post spacing, gold flashed, black	Tyco Electronics/AMP	382811-8	Digi-Key	A26228-ND
5	1	n/a	flat flex cable (FFC), unshielded, 0.5mm pitch, 10-ckt, 0.5A, 90V, 4" length, 5.5mm wide	Parlex Corp.	0.5MM-10-4-B	Digi-Key	HFF-10U-04-ND
6	1	n/a	PCB, unpopulated, JTAG 14-pin to 10-pin Connector Board, P/N 1001, rev -, 2 layer, 7.20" x 2.20", thru hole and SMT on one side, (six 1.20" x 2.20" boards with different reference designators)			Sierra Proto Express	1001 rev -
A			schematic file, CON14TO10.SCH, JTAG 14-pin to 10-pin Connector. rev -. 8/16/02, IVEX WinDraft v3.10				

B			PCB file, CON14-10.BRD, rev -, 8/17/02, IVEX WinBoard v2.25 (All PCB fabrication files: Berber, Drill, Dimensions, Pick & Place, etc., are generated from the board file.) (This board file makes 6 copies of the board, but with different reference designators.) (The schematic and netlist match only the 1st circuit of the six.)				
C			readme file, text, specifies PCB fab and details the Gerber and drill files				
D			assembly drawing, JTAG 14-pin to 10-pin Connector Board, rev -, A Size, IR0002.DWG				
E			BOM, JTAG 14-pin to 10-pin Connector, MS EXCEL, CON14TO10.XLS, rev -, 10/28/02 (this document)				

Vendor Pricing (as of 8/24/02)	Vendor Price x Qty (to build 12 units)	IVEX WinDraft Schematic Capture library/part (comments)	IVEX WinBoard PCB Layout library/module (comments)
($1.37 ea) qty 1-99	$1.37	CONNECT.CLB/CONN14 (standard)	EPDDCS1.LIB/MSP430_JTAG (custom)
($1.20 ea) qty 1-9, ($0.93 ea) qty 10-99	$0.93	CONNECT.CLB/CONN12 (standard)	EPDDCS1.LIB/FH12A10S0.5SH (custom)
($0.24 ea) qty 1-9, ($0.217 ea) qty 10-99	$0.43	CONNECT.CLB/CONN02 (standard)	EPDDCS1.LIB/2-PIN-0.1CNTR (custom)
$0.89/qty10	$0.09		
($4.05 ea) qty 1-9, $33.75/qty10	$3.49		
$100.15/qty2 ($8.35 ea)	$8.35		
	Total parts cost for one unit (building 12 at a time) = $14.66		