



MESA ELECTRONICS PRICE LIST 04/01/17

PC/104 CARDS:

PART NO.	DESCRIPTION	QUANTITY PRICING			
		1-4	5-24	25-99	100+
4A23	20 bit delta-sigma isolated input A-D	257	206	195	186
4A24-2	High speed 16 bit A-D 200KHz	257	206	195	186
4A24-5	High speed 16 bit A-D 500KHz	314	251	239	227
4I20	24 output 48V/350 mA I/O	149	119	113	108
4I22	Timer - I/O - 10 Mhz	158	126	120	114
4I22-25	Timer - I/O - 25 MHz	175	140	133	126
4I23A	Quad serial (4X RS-232)	134	107	102	97
4I23B	Quad serial (2X RS-232+ 2X RS-422)	134	107	102	97
4I23C	Quad serial (4X RS-422)	134	107	102	97
4I24	96 bit digital I/O (2X 50 pin)	108	86	82	78
4I24H	96 bit digital I/O (2X 50 pin) 24 mA	193	154	147	139
4I24I	96 bit digital I/O (ISO pinout)	108	86	82	78
4I24M	72 bit digital I/O (Module rack pinout)	108	86	82	78
4I26	Floppy+IDE+2S+P	149	119	113	108
4I27	2 axis motor controller (PWM)	291	233	221	210
4I28	4 axis motor controller (PWM)	561	449	426	405
7I25	Dual channel 125W H bridge for 4I27/4I28/4I34	149	119	113	108
7I27	Dual channel 400W H bridge for 4I27/4I28/4I34	275	220	209	199
4I27A	2 axis motor controller (Analog-out)	385	308	293	278
4I29	Ethernet Interface BNC/10BaseT	191	153	145	138
4I29E	Ethernet Interface Ext BNC/10BaseT	203	162	154	147
4I29T	Ethernet Interface 10BaseT only	149	119	113	108
4I29MAU	4I29 panel mnt BNC adptr (included w/ 4I29E)	30	30	30	30
4I29TAU	4I29 panel mnt 10BaseT adapter	20	20	20	20
4I30	Quad Quadrature interface	199	159	151	144
4I32A	Quad advanced serial (4X RS-232)	201	161	153	145
4I32B	Quad advanced serial (2X RS-232 + 2X RS-422/485)	201	161	153	145
4I32C	Quad advanced serial (4X RS-422/485)	201	161	153	145
4I34-1	Anything I/O 64 bit 100k gate	161	129	122	116
4I34-2	Anything I/O 64 bit 200k gate	184	147	140	133
4I34M-1	Anything I/O 48 bit I/O module pinout 100k gate	161	129	122	116
4I34M-2	Anything I/O 48 bit I/O module pinout 200k gate	184	147	140	133
4I36	Octal Quadrature interface - 50K FPGA	199	159	151	144
4I36-1	Octal Quadrature interface - 100K FPGA	229	183	174	165
4I38-1	Anything I/O 48 bit I/O module pinout 1M gate	275	220	209	199
4I38-1.5	Anything I/O 48 bit I/O module pinout 1.5M gate	326	261	248	235
4I39	Anything I/O 8 channel isolated RS-422 + 24 GPIO	299	239	227	216
ISIO-R	Isolated I/O - relay outputs	151	121	115	109
ISIO-T	Isolated I/O - transistor outputs	120	96	91	87
ISIO-RM	ISIO removeable terminal strip option	20	20	20	20

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PART NO.	DESCRIPTION	1-4	5-24	25-99	100+
4I61	PC104-PLUS 10/100 BaseT Ethernet	116	93	88	84
4I63A	PC104-PLUS advanced serial (4X RS-232)	174	139	132	126
4I63B	PC104-PLUS advanced serial (2X RS-232 + 2X RS-422/485)	174	139	132	126
4I63C	PC104-PLUS advanced serial (4X RS-422/485)	174	139	132	126
4I64	PC104-PLUS - MiniPCI adapter	75	60	57	54
4I64-NFT	PC104-PLUS - MiniPCI adapter - (No PC/104 F/T Connector)	68	54	52	49
4I66	PC104-PLUS - 4 PORT MAC-HUB	199	159	151	144
4I67	PC104-PLUS Dual bridged Mini-PCI adapter	139	111	106	100
4I67-NFT	PC104-PLUS Dual bridged Mini-PCI adapter (No PC/104 F/T Connector)	132	106	100	95
4I71	PC104-Plus 8 port 100BaseT MAC-Switch	219	175	166	158
4I71-NFT	PC104-Plus 8 port 100BaseT MAC-Switch (No PC/104 F/T Connector)	212	170	161	153
4I71S	8 port 100BT Switch	212	170	161	153
4I71S-NFT	8 port 100BT Switch (No PC/104 F/T Connector)	206	165	157	149
4I73	PC104-PLUS to cabled PCI express bridge - Used with PCIE Cable	139	111	106	100
4I73-NFT	PC104-Plus to cabled PCI express bridge - Used with PCIE Cable (No PC/104 F/T Connector)	132	106	100	95
4P20	PC104-PLUS 11 Watt POE power supply	119	95	90	86

PCI/104 CARDS:

QUANTITY PRICING

PART NO.	DESCRIPTION	1-4	5-24	25-99	100+
4I65	PC104-PLUS Anything I/O - 72 I/O bits - 200K Spartan II FPGA	260	208	198	188
4I68-4	PCI/104 Anything I/O - 72 I/O bits - 400K Spartan 3 FPGA	260	208	198	188
4I69	PCI/104 Anything I/O - 72 I/O bits - LX16 Spartan 6 FPGA	260	208	198	188
4I69-25	PCI/104 Anything I/O - 72 I/O bits - LX25 Spartan 6 FPGA	275	220	209	199
4I69-AIN	4I69 8 channel analog input option	35	35	35	35
4I72	PCI/104 Quad MiniPCI bridge adapter	161	129	122	116
4I74	PCI/104 Octal quadrature counter with serial I/O	199	159	151	144

PCI CARDS:

QUANTITY PRICING

PART NO.	DESCRIPTION	1-4	5-24	25-99	100+
5I20	PCI Anything I/O - 72 I/O bits - 200K Spartan II FPGA	260	208	198	188
5I21	PCI Serial Anything I/O - 12 Full duplex RS-422 ports - 400K SP3	275	220	209	199
5I22-1	PCI Anything I/O - 96 I/O bits - 1M gate Spartan 3 FPGA	369	295	280	266
5I22-1.5	PCI Anything I/O - 96 I/O bits - 1.5M gate Spartan 3 FPGA	429	343	326	310
5I23	PCI Anything I/O - 72 I/O bits 400K gate Spartan 3 FPGA	260	208	198	188
5I24-16-LP	PCI Anything I/O - 72 I/O bits LX16 Spartan6 FPGA Low profile	119	95	90	86
5I24-16-SP	PCI Anything I/O - 72 I/O bits LX16 Spartan6 FPGA Standard profile	119	95	90	86
5I24-25-LP	PCI Anything I/O - 72 I/O bits LX25 Spartan6 FPGA Low profile	139	111	106	100
5I24-25-SP	PCI Anything I/O - 72 I/O bits LX25 Spartan6 FPGA Standard profile	139	111	106	100
5I25-LP	PCI Anything I/O - 34 I/O bits LX9 Spartan6 FPGA Low profile	89	71	68	64
5I25-SP	PCI Anything I/O - 34 I/O bits LX9 Spartan6 FPGA Standard profile	89	71	68	64
5I71	PCI to cabled PCIExpress bridge - Used with PCIE cable	113	90	86	82

MESA ELECTRONICS PRICE LIST 04/01/17

ANYTHING I/O ACCESSORIES + MOTION CONTROL:

PART NO.	DESCRIPTION	QUANTITY PRICING			
		1-4	5-24	25-99	100+
3C20	Standalone 1 axis 100W servo motor controller	79	63	60	57
3I20	RS-232 to 4XRS-422 adapter for 3C20	49	39	37	35
THCAD-10	High isolation A-D, 10V	69	55	52	50
THCAD-300	High isolation A-D, 300V	69	55	52	50
7I29	2 axis 20A 175V Hbridge for Anything I/O	299	239	227	216
7I30-4	4 axis 3A servo motor Hbridge for Anything I/O	89	71	68	64
7I31	Debug LED card - 24 LEDs + feedthrough for Anything I/O	35	28	27	25
7I32	2 axis 3A Microstepping stepper driver for Anything I/O	89	71	68	64
7I33	4 axis Analog servo amp interface for Anything I/O	69	55	52	50
7I33TA	4 axis Analog servo amp interface - terminal strip I/O for Anything I/O	79	63	60	57
7I34	8 channel RS-422/485 interface for Anything I/O	35	28	27	25
7I37	16 in 8 out isolated driver for Anything I/O	69	55	52	50
7I37-COM	16 in 8 out isolated driver terminal I/O, Common VOUT+ and VIN-	79	63	60	57
7I37TA	16 in 8 out isolated driver terminal I/O for Anything I/O	79	63	60	57
7I39-HV	Dual 3 phase BLDC motor driver 5A 50V for Anything I/O	149	119	113	108
7I39-LV	Dual 3 phase BLDC motor driver 10A 30V for Anything I/O	149	119	113	108
7I40-HV	Dual HBridge 7A 80V for Anything I/O	149	119	113	108
7I40-LV	Dual HBridge 10A 40V for Anything I/O	149	119	113	108
7I42	I/O protector for Anything I/O	35	28	27	25
7I42TA	I/O protector terminal I/O for Anything I/O	45	36	34	32
7I44	8 channel RS422/485 interface + RJ45 breakout	69	55	52	50
7I46	6 channel SPI breakout	35	28	27	25
7I47	12 channel motion oriented RS-422 breakout	69	55	52	50
7I47S	8/12 Channel motion oriented RS-422 interface with analog out	79	63	60	57
7I48	6 channel analog servo interface - quadrature encoder input	99	79	75	71
7I49	6 channel analog servo interface - resolver input	184	147	140	133
7I50	SPI to 24 TTL/I/O Module rack expander	45	36	34	32
7I52	6 Encoder plus 6 RS-422 serial channel breakout	69	55	52	50
7I52S	12 channel differential output + 6 channel encoder interface	69	55	52	50
7I53	12 Encoder plus 2 RS-422 serial channel breakout	99	79	75	71
7I64	24 in 24 out isolated I/O card remote real time I/O	198	158	150	143
7I65	8 Axis analog servo interface - 16 bit DACs - 13 bit ADCs	279	223	212	201
7I66-8	16 in 8 out isolated 10-32V input/output 2.5A remote real time I/O	79	63	60	57
7I66-24	24 out isolated 10-32V 2.5A output remote real time I/O	119	95	90	86
7I69	48 I/O TTL remote real time I/O	69	55	52	50
7I70	48 input isolated 5-32V remote real time I/O	79	63	60	57
7I71	48 output isolated 5-32V 300 mA remote real time I/O PNP	119	95	90	86
7I72	48 output isolated 5-32V 300 mA remote real time I/O NPN	119	95	90	86
7I73	Real time remote pendant controller LCD/keypad/encoder/analog	49	39	37	35
7I74	8 channel RS422/485 interface + RJ45 breakout for 25 pin Anything I/O	69	55	52	50
7I75	I/O protector terminal I/O for 25 pin Anything I/O	45	36	34	32
7I76	5 Axis STEP / DIR - spindle - 48 isolated I/O for 25 pin Anything I/O	119	95	90	86
7I76E	5 Axis STEP / DIR - spindle - 48 isolated I/O for Ethernet interface	199	159	151	144
7I77	6 axis analog servo interface - 48 isolated I/O for 25 pin Anything I/O	199	159	151	144
7I77ISOL	Galvanic isolater for 7I77 card	59	48	45	43
7I78	4 axis STEP/DIR -spindle-SSerial expansion port for 25 pin Anything I/O	69	55	52	50
7I83	Six channel 13 bit +-10V analog out remote isolated real time I/O	79	63	60	57
7I84	32 in 16 out isolated 10-32V remote isolated real time I/O	79	63	60	57
7I85	4 channel encoder + 5 channel RS-422 for 25 pin Anything I/O	69	55	52	50
7I85S	4 channel encoder + 5 channel STEP/DIR/PWM for 25 pin Anything I/O	69	55	52	50
7I87	8 channel 12 bit +-10V analog in remote isolated real time I/O	99	79	75	71

IDE ADAPTER:

PART NO.	DESCRIPTION	QUANTITY PRICING			
		1-4	5-24	25-99	100+
CFADPTCS	Compact Flash - IDE adapter type 1 and 2 - Chant Sincere	14	14	14	14
CFADPT7-S	Compact Flash - IDE adapter - 2.5 harddrive footprint - single	17	17	17	17
CFADPT9	Compact Flash - SATA adapter - minimum size	35	28	27	25
CFADPT10	Compact Flash - SATA adapter - 2.5 drive size	35	28	27	25

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ANYTHING I/O ACCESSORIES + MOTION CONTROL:

PART NO.	DESCRIPTION	QUANTITY PRICING			
		1-4	5-24	25-99	100+
8I20	2200 W 400V 3 phase motor drive	239	191	182	173
SOFTDMC	Licence for SOFTDMC if not used with MESA cards	100	30	25	22

PLUG-N-GO KITS + IEEE1284 CABLES 6 FT + SP OR LP BRACKET

REQUEST BRACKET TYPE: "SP" FOR STANDARD PROFILE OR "LP" LOW PROFILE

PART NO.	DESCRIPTION	QUANTITY PRICING			
		1-4	5-24	25-99	100+
7176-5I25 PNG	Plug-N-Go Kit 5I25 + 7176 + IEEE1284 cable 6ft + SP or LP Bracket	199	159	151	144
7177-5I25 PNG	Plug-N-Go Kit 5I25 + 7177 + IEEE1284 cable 6ft + SP or LP Bracket	279	223	212	201
7178-5I25 PNG	Plug-N-Go Kit 5I25 + 7178 + IEEE1284 cable 6ft + SP or LP Bracket	159	127	121	115
7185-5I25 PNG	Plug-N-Go Kit 5I25 + 7185 + IEEE1284 cable 6ft + SP or LP Bracket	159	127	121	115
7185S-5I25 PNG	Plug-N-Go Kit 5I25 + 7185S + IEEE1284 cable 6ft + SP or LP Bracket	159	127	121	115
7176-6I25 PNG	Plug-N-Go Kit 6I25 + 7176 + IEEE1284 cable 6ft + SP or LP Bracket	219	175	166	158
7177-6I25 PNG	Plug-N-Go Kit 6I25 + 7177 + IEEE1284 cable 6ft + SP or LP Bracket	299	239	227	216
7178-6I25 PNG	Plug-N-Go Kit 6I25 + 7178 + IEEE1284 cable 6ft + SP or LP Bracket	179	143	136	129
7185-6I25 PNG	Plug-N-Go Kit 6I25 + 7185 + IEEE1284 cable 6ft + SP or LP Bracket	179	143	136	129
7185S-6I25 PNG	Plug-N-Go Kit 6I25 + 7185S + IEEE1284 cable 6ft + SP or LP Bracket	179	143	136	129

PCI EXPRESS CARDS:

PART NO.	DESCRIPTION	QUANTITY PRICING			
		1-4	5-24	25-99	100+
3X20-1	External PCIE Anything I/O 144 I/O bits 1M gate Spartan3 FPGA	377	302	287	272
3X20-2	External PCIE Anything I/O 144 I/O bits 2M gate Spartan3 FPGA	377	302	287	272
3X20-1-MB	External PCIE Anything I/O 144 I/O bits 1M gate Spartan3 FPGA MB	377	302	287	272
3X20-2-MB	External PCIE Anything I/O 144 I/O bits 2M gate Spartan3 FPGA MB	377	302	287	272
6I24-16-LP	PCIE Anything I/O – 72/ I/O bits LX16 Spartan6 FPGA Low profile	139	111	106	100
6I24-16-SP	PCIE Anything I/O – 72/ I/O bits LX16 Spartan6 FPGA Standard profile	139	111	106	100
6I24-25-LP	PCIE Anything I/O – 72/ I/O bits LX25 Spartan6 FPGA Low profile	159	127	121	115
6I24-25-SP	PCIE Anything I/O – 72/ I/O bits LX25 Spartan6 FPGA Standard profile	159	127	121	115
6I25-LP	PCIE Anything I/O – 34/ I/O bits LX9 Spartan6 FPGA Low profile	109	87	83	79
6I25-SP	PCIE Anything I/O – 34/ I/O bits LX9 Spartan6 FPGA Standard profile	109	87	83	79
6I68	Internal 1 slot PCIE Motherboard for 3X20	99	79	75	71
6I71-LP	PCI Express to cabled PCI Express adapter Low profile	69	55	52	50
6I71-SP	PCI Express to cabled PCI Express adapter Standard profile	69	55	52	50
7I24-16	Cabled PCIE Anything I/O – 72/ I/O bits LX16 Spartan6 FPGA	139	111	106	100
7I24-25	Cabled PCIE Anything I/O – 72/ I/O bits LX25 Spartan6 FPGA	159	127	121	115
7I68	External 1 lane cabled PCIE Motherboard for 3X20	99	79	75	71

USB + SERIAL + ETHERNET ANYTHING I/O:

PART NO.	DESCRIPTION	QUANTITY PRICING			
		1-4	5-24	25-99	100+
7I43H	Anything I/O High speed USB - 400K FPGA - 48 I/O	119	95	90	86
7I43-P	Anything I/O parallel only - 200K FPGA - 48 I/O	79	63	60	57
7I43-U	Anything I/O USB/parallel - 200K FPGA - 48 I/O	89	71	68	64
7I43-U-4	Anything I/O USB/parallel - 400K FPGA - 48 I/O	99	79	75	71
7I60	Anything I/O Remote 96 bit - I/O module pinout 200k gate	258	206	196	186
7I61-16	Anything I/O USB/Parallel 96 bit - I/O module pinout SP6 LX16	229	183	174	165
7I61-25	Anything I/O USB/Parallel 96 bit - I/O module pinout SP6 LX25	260	208	198	188
7I80DB-16	Anything I/O Ethernet 4X DB25 I/O connectors SP6 LX16 68 I/O	149	119	113	108
7I80DB-25	Anything I/O Ethernet 4X DB25 I/O connectors SP6 LX25 68 I/O	169	135	128	122
7I80HD-16	Anything I/O Ethernet 3X HDR50 I/O connectors SP6 LX16 72 I/O	149	119	113	108
7I80HD-25	Anything I/O Ethernet 3X HDR50 I/O connectors SP6 LX25 72 I/O	169	135	128	122
7I90HD	Parallel/Serial/SPI Anything I/O card	59	48	45	44
7I92	Anything I/O Ethernet 1X DB25F IxHDR26 SP6 LX9 34 I/O	89	71	68	64
7I92M	Anything I/O Ethernet 1X DB25M IxHDR26 SP6 LX9 34 I/O	89	71	68	64
7I92H	Anything I/O Ethernet 2xHDR26 SP6 LX9 34 I/O	89	71	68	64
5I20	Anything I/O Ethernet 2xHDR50 SP6 LX9 48 I/O	89	71	68	64



MESA ELECTRONICS PRICE LIST 04/01/17

ACCESSORY PRICE LIST

GENERIC ADAPTOR CABLES AND ACCESORIES:

BRACKET – LP	Low profile for 5I25 or 6I25	5
BRACKET – SP	Standard profile for 5I25 or 6I25	3
CAT5E-2	CAT5E cable for SSERIAL 2M RJ45 both ends for 7I44/7I74	4.00
CAT5E-4	CAT5E cable for SSERIAL 4M RJ45 both ends for 7I44/7I74	6.00
CAT5E-6	CAT5E cable for SSERIAL 6M RJ45 both ends for 7I44/7I74	7.50
CAT5E-1-TB6	CAT5E cable for SSERIAL 1M one end TB6 for 7I76,7I78	7.50
CAT5E-2-TB6	CAT5E cable for SSERIAL 2M one end TB6 for 7I76,7I78	7.50
CAT5E-4-TB6	CAT5E cable for SSERIAL 4M one end TB6 for 7I76,7I78	8.50
CAT5E-1-TB8	CAT5E cable for SSERIAL 1M one end TB8 for 7I52,7I53,7I77	7.50
CAT5E-2-TB8	CAT5E cable for SSERIAL 2M one end TB8 for 7I52,7I53,7I77	7.50
CAT5E-4-TB8	CAT5E cable for SSERIAL 4M one end TB8 for 7I52,7I53,7I77	8.50
DB25F-IDC26 CABLE	DB25F to IDC26 with bracket for 5I25 and 6I25	5
DB25M-DB25M 6FT	DB25Mto DB25M IEEE 1284 compliant parallel port cable 6' length	10
DB25M-DB25M 10FT	DB25Mto DB25M IEEE 1284 compliant parallel port cable 10' length	12.50
DIN RAIL ADPT KIT (2 PCS.DIN rail adapter mounting bracket kit for Anything I/O daughter cards (set of 2 pcs.)		7.00
DIN RAIL ADPT KIT (3 PCS.DIN rail adapter mounting bracket kit for Anything I/O daughter cards (set of 3 pcs.)		10.50
IB-CBL-3M	Infiniband x1 Cable Assembly, 3.00m	56.12
PCIE-CBL-3M	PCIe x1 Cable Assembly, TDP, 3.00m	57.71
PCIEEXR	PCI express cable extender	35
PCIEEXS	PCI express cable extender	35
PTB8	Phoenix compatible 3.5 mm 8 position screw terminal block, side entry	1.50
PTB6	Phoenix compatible 3.5 mm 6 position screw terminal block, side entry	1
PTB2	Phoenix compatible 3.5 mm 2 position screw terminal block, side entry	.50
PTB8V	Phoenix compatible 3.5 mm 8 position screw terminal block, top entry	1.50
PTB6V	Phoenix compatible 3.5 mm 6 position screw terminal block, top entry	1.20
PTB2V	Phoenix compatible 3.5 mm 2 position screw terminal block, top entry	.50

QUANTITY PRICING

		1-49	50+
JAEWB3F200VD1T	Connector, Receptacle, 200 P, .5mm receptacle verticle for the 6I68 or 7I68.	4.75	4.50

**MESA ELECTRONICS PRICE LIST 04/01/17****ACCESSORY PRICE LIST****GENERIC ADAPTOR CABLES AND ACCESORIES:**

422ENC	1 channel RS-422 to TTL adapter	12
485ADPT	RS-232 to RS485 adaptor for 4123 / 4C24 / 4126/ Generic RS232, Uses RTS for 485 xmit enable	24
ENCY	Encoder splitter/redriver	18
485X1	1 channel TTL to RS-485/RS-422 adapter	10
4X422	RS232 to quad RS422 interfaces on RJ45 For 3C20, 8120	35
AIO CABLE	50 conductor flat cable for Anything I/O cards Price is for 1 foot cable, add \$1.00 for each additional foot	15 1
COMM2	Common block for PWR and GND connections	7.50
ENC422	1 channel TTL to RS-422 adapter	12
EPP-M PARALLEL CABLE	26 conductor flat cable for 7143.7161 female header to DB25M 3 FT Add \$.50 for each additional foot	15 .50
SPINX1	One channel isolated spindle control	24

ADAPTOR CARDS AND CABLES:

HD-DB ADPT	50 pin header to DB25 socket adapter	25
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BUS ADAPTORS:

104-AT	16 bit PC/104 to edgecard adaptor	40
PC104-PLUS-PCI	PC104-PLUS - PCI edgecard adaptor Allows use of PC104-PLUS cards in standard PCI backplane	75
PCI-PC104-PLUS	PCI-PC104-PLUS adapter Allows use of standard PCI cards with PC104-PLUS CPU	75

ADDITIONAL PRODUCT MISCELLANEOUS CHARGES AND MOQ

For Industrial Temperature range (-40°C to +85°C) available on most PC/104 cards, minimum order Qty 25, Add suffix: (-I) after part number add 20% per item.

For Conformal Coating available on most PC/104 card, mininum quantity of 100, Add suffix: (CC) after part number, request for quote

To order large quantities and OEM options email at: sales@mesanet.com – Custom designed board email our engineer at: tech@mesanet.com

All PC104 cards are stack-through type – All prices FOB Richmond, California U.S. - All prices subject to change without notice.