

# Parts and Service Price List

## Terms and Conditions

- ◇ All prices are FOB Hayward, California and are exclusive of sales tax. Taxes and transportation charges are prepaid and will be added to the invoice.
- ◇ VISA and MasterCard are accepted, subject to a 4% surcharge.
- ◇ Prices are subject to change. Call or email for current prices.
- ◇ Minimum parts order is \$300.00.
- ◇ New items are warranted for one (1) year.
- ◇ Repair items are warranted for ninety (90) days.
- ◇ Extended warranty is available on most items.
- ◇ The prices on this list do not apply to parts damaged as a result of improper use or acts of God.
- ◇ If no part number is listed, please call. The application will dictate the specific part number.
- ◇ Quantity discounts are available for the 2500 - 25x86 Series Interface and Expansion boards shown below, as follows:

- Qty. 5-15            10% Discount
- Qty. 16-30        20% Discount
- 30 or More        35% Discount

**NOTE:** Part numbers underlined and in blue are hyperlinks to datasheets with more detailed information.

**Contacts**

[Chris Cornejo](#)

[Matt Puskas](#)

**Title**

Parts and Production Manager

Senior Estimator

## Logic Processors (RTUs)

PART No.	DESCRIPTION	LIST PRICE
<a href="#">8600-3343F</a>	25x86 Logic Processor – Standard (two buses with two Ethernet ports) .....	\$2,500.00
<a href="#">8600-3343L</a>	25x86 Logic Processor – Low Power .....	\$2,000.00
<a href="#">8600-3343Z2</a>	25x86 Logic Processor – Extended Temperature (-40 to 85° C) .....	Call for pricing
<a href="#">6000-1140</a>	Low Point Count Logic Processor – Low Power .....	†
<a href="#">6000-1150</a>	Low Point Count Logic Processor .....	†
<a href="#">HSQ-1110</a>	Modern Low Point Count Logic Processor .....	\$1,150.00
8600-386X	Latest CPU Exchange for 386 or 486 CPU .....	\$900.00
8600-V8	V8 Software Upgrade (only available for 9579 and 9588 processors) .....	\$350.00
CPF-UP	Compact Flash Upgrade .....	Call for pricing
HSQ-6000R	Communication Ribbon Cable (HSQ-6000 to 2572) .....	\$100.00

† – No longer available. The HSQ-1110 can be used as a direct replacement.

## 2500 - 25x86 Series Interface Boards

PART No.	DESCRIPTION	LIST PRICE
<a href="#">1046</a>	8-Channel Digital DC Input Board .....	\$210.00
<a href="#">1047</a>	8-Channel Digital DC Output Board .....	\$240.00
<a href="#">1332</a>	8-Channel Relay Output Board .....	\$280.00
<a href="#">8646</a>	12-Channel DI/12-Channel DO Termination Board (25x86 Only) .....	\$450.00

## 6000/6200 Series Modules for 25x86/1000/6000 RTUs

PART No.	DESCRIPTION	LIST PRICE
<a href="#">HSQ-6015</a>	7-Channel RTD Input Module .....	\$620.00
<a href="#">HSQ-6017</a>	8-Channel Analog Input / 2-Channel Digital Output Module .....	\$520.00
<a href="#">HSQ-6018</a>	8-Channel Thermocouple Input / 8-Channel Digital Output Module .....	\$740.00
<a href="#">HSQ-6024</a>	12-Channel Universal (6 AI, 2 AO, 2 DI, 2 DO) Input/Output Module .....	\$800.00
<a href="#">HSQ-6050</a>	12-Channel Digital Input / 6-Channel Digital Output Module .....	\$330.00
<a href="#">HSQ-6051</a>	12-Channel Digital Input / 2-Channel Digital Output or 2-Channel Counter Input Module ..	\$320.00
<a href="#">HSQ-6052</a>	8-Channel Digital Input / 8-Channel Digital Output .....	\$360.00
<a href="#">HSQ-6060</a>	6-Channel Digital Input / 6-Channel Relay Module .....	\$360.00
<a href="#">HSQ-6066</a>	6-Channel Digital Input / 6-Channel Power Relay Module .....	\$380.00
<a href="#">HSQ-6217</a>	8-Channel Analog Input Module .....	\$540.00
<a href="#">HSQ-6224</a>	4-Channel Analog Output / 4-Channel Digital Input Module .....	\$640.00
<a href="#">HSQ-6250</a>	8-Channel Digital Input / 7-Channel Digital Output Module .....	\$360.00
<a href="#">HSQ-6256</a>	16-Channel Digital Output Module .....	\$360.00
<a href="#">HSQ-6260</a>	6-Channel Relay Output Module .....	\$360.00
<a href="#">HSQ-6266</a>	4-Channel Digital Input / 4-Channel Relay Output Module .....	\$360.00

## 2500 - 25x86 Series Expansion Boards

PART No.	DESCRIPTION	LIST PRICE
<a href="#">2507</a>	4-Channel Analog Output Board .....	\$880.00
<a href="#">2508</a>	32-Channel Analog Input Board .....	\$1,350.00
<a href="#">2509</a>	32-Channel Digital Input Board .....	\$530.00
<a href="#">2510</a>	64-Channel Digital Output Board .....	\$690.00
<a href="#">2533</a>	32-Channel Digital Output .....	\$610.00
<a href="#">2534</a>	32-Channel Intelligent Digital Input .....	\$1,100.00
<a href="#">2535</a>	4-Channel Digital Input to Analog Input Adapter Board .....	\$90.00
<a href="#">2548</a>	16-Channel Relay Digital Output .....	\$500.00
<a href="#">2569</a>	16-Channel Digital Input / 16-Channel Digital Output Board .....	\$690.00
<a href="#">2587</a>	64-Channel TTL Digital Input Board .....	\$250.00
1368 ‡	Digital Input Conversion Expansion Board (125 VDC in) – Left Entry .....	\$180.00
1369 ‡	Digital Input Conversion Expansion Board (125 VDC in) – Right Entry .....	\$180.00
HSQ-CBL1	Ribbon Cable (2 connectors, 1 foot length) .....	\$100.00

‡ – For use with the 2509 and 2534 Expansion Boards.

## System Products

PART No.	DESCRIPTION	LIST PRICE
RTS-GEN	RTS Generator — designed for older radios that lack the key-on Ready-To-Send feature .....	\$420.00
FMC	Fiber Optic Media Converter 10/100 Base FX .....	\$350.00
CEL-2000	Cellular Modem (need provider when ordering) .....	\$500.00
HSQ-DIALIN	Data/Fax Modem – v.92 .....	\$450.00
2511	Power Box Assembly .....	\$150.00
HSQ-2921-Switch-Serial	Network Router Switch and Serial Port Network Device – Configured .....	Call for pricing
HSQ-UPS-3KVA	Uninterruptible Power Supply, 3kVA, Rackmount .....	Call for pricing
<a href="#">2585</a>	RTU Battery Backup Controller .....	\$400.00
RTUDIAG-CBL	RTU Diagnostics Cable, connects 2500 series and x86 RTUs series to serial port .....	\$100.00
CP10.241-S1	Power Supply ( 24 V <sub>DC</sub> / 10 Amp) – DIN Rail .....	\$265.00
2572	Communications Board — provides 2 serial ports and indicator lights for 6000 series RTUs and the HSQ-1110 RTU (uses 2 serial ports) .....	\$150.00
2592	Communications Board — provides 4 serial ports and 1 Ethernet port for 25x86 RTUs (9579, 9588, and 3343 processors only) .....	\$200.00

## System Products (cont.)

PART No.	DESCRIPTION	LIST PRICE
PTA	Pulse to Analog Card — converts a DO pulse duration to an analog value .....	\$150.00
EP-BURN	EPROM Burner .....	\$750.00
HSQ-FW	RTU Firewall (includes software configuration) .....	\$720.00
HSQ-GPS	GPS (includes software for clock settings) .....	\$1050.00
<a href="#">HSQ-RX2800</a>	HSQ Integrity rx2800 i6 Server/Workstation: w/ VMS Keyboard and Mouse, 24" LCD Monitor, 16 GB RAM, 147 GB Hard Drive, DVD/CD ROM Drive, Graphics Port, Pedestal Mount; Configured (excludes HSQ MISER license) .....	\$16,500.00
HSQ-RXPWR2	Redundant Power Supply for HSQ-RX2800 .....	\$750.00
HSQ-XVIEW- WRKPRO	MISER XView for Windows Professional Workstation .....	Call for pricing
HSQ-SYS-147	147 GB System Disk (configured) .....	\$850.00
HSQ-HST-300	300 GB History Disk (configured) .....	\$1,000.00
HSQ-T1R	T1 Router (configured) .....	Call for pricing
HSQ-GC1	Graphic Card for DS10, DS15, and Integrity .....	Call for pricing
HSQ-ETH2	Dual Port Ethernet Card .....	\$275.00
HSQ-6ES	Six (6) Port Ethernet Switch (Moxa) (Managed Switch) .....	\$750.00
HSQ-TS1	One (1) Port Terminal Server (Moxa) .....	\$550.00
HSQ-CP- M553DN	Color Laser Printer .....	\$1,100.00
HSQ-MON-24	24" 1920 x 1200 IPS/VA Display Touch Panel .....	\$1,100.00
HSQ-MON-27	27" 1920 x 1200 IPS/VA Display Touch Panel .....	\$1,350.00
HSQ-PC4	Windows PC .....	Call for pricing
HSQ-P3	Modem Security Unit .....	\$300.00
<a href="#">HSQ-TS19</a>	19" Touchscreen with Windows 7 or Windows 10, Standard Hard Drive, XView for Windows .....	\$7,100.00
	<b>TS19 Add-Ons:</b>	
	Standard MISER Drivers .....	Call for pricing
	RTU Software – V8 .....	Call for pricing
HSQ-EXW	Hardware – extended warranty .....	Call for pricing
	(Extended warranties can be bought for all hardware, please call for pricing.)	
HSQ-TELE8HR	Telephone Support, Basic (eight hours a day, five days a week) .....	Call for pricing
HSQ-TELE24HR	Telephone Support, Complete (twenty-four hours a day, seven days a week) .....	Call for pricing

## Software

PART No.	DESCRIPTION	LIST PRICE
HSQ-MISER-A	MISER License (non-redundant server) .....	\$11,000.00
HSQ-MISER-B	MISER License (redundant server) .....	\$16,500.00
HSQ-MISER-C	MISER License (workstation) .....	\$2,000.00
MISER-UP-SITE	MISER System Site Upgrade License .....	Call for pricing
MISER-UP-A	MISER System Upgrade License (non-redundant server) .....	Call for pricing
MISER-UP-B	MISER System Upgrade License (redundant server) .....	Call for pricing
MISER-UP-C	MISER System Upgrade License (workstation) .....	\$850.00
<a href="#">MISER-DR</a>	Standard MISER Device Driver (existing NCC) .....	Call for pricing
XVIEW-WIN	XView for Windows (XView only, full client version) .....	\$1,200.00
XVIEW-UP	XView for Windows Upgrade (XView only, client upgrade version) .....	Call for pricing
WIN-XCD	XView for Windows, Exceed Edition, Full Version (XView and XServer software) .....	\$1,500.00
WIN-XCD-UP	XView for Windows, Exceed Edition, Upgrade Version (XView and XServer software) .....	Call for pricing
<a href="#">HSQ-TALK</a>	MISERtalk Software .....	\$2,750.00
HSQ-PAGE	MISERtalk Pager Software .....	\$2,750.00
<a href="#">HSQ-VCL</a>	MISER VisualCL Software (Server) .....	\$3,900.00
HSQ-VCLW	VisualCL Software for Windows (Client) .....	\$850.00
HSQ-POR	MISER Web Portal .....	\$3,300.00
HSQ-POR-UP	MISER Web Portal Upgrade .....	\$1,400.00
<a href="#">HSQ-SRV-WIN</a>	ODBC Server for Windows (database software) .....	\$5,000.00
<a href="#">HSQ-ODBC</a>	ODBC Bridge for MISER (database software) .....	\$1,750.00
<a href="#">HSQ-ODOC</a>	ODBC Bridge with Oracle for MISER .....	\$3,500.00
<a href="#">HSQ-ODRD</a>	ODBC Bridge (redundant software) .....	\$1,250.00
HSQ-ENC-H	Host Encryption Feature .....	\$2,750.00
HSQ-ENC-R	RTU Encryption Feature (HSQ RTUs <b>ONLY</b> ) .....	\$550.00
RTU-DIAG	RTU Diagnostic Software (CD-ROM) (Includes software, manual, and two (2) hours telephone support.) .....	\$1,050.00

## Documentation

PART No.	DESCRIPTION	LIST PRICE
HSQ-MOM	MISER Operator Manual .....	\$150.00
HSQ-TRM	MISER Technical Reference Manual .....	\$175.00
HSQ-SYS	MISER System Manual .....	\$150.00
HSQ-VCLM	VisualCL Manual .....	\$150.00
HSQ-RTU	2500 RTU Manual .....	\$150.00
HSQ-RTU86	HSQ Logic Processor and RTU User Manual .....	\$200.00
HSQ-DIAG	RTU Diagnostic Manual .....	\$125.00
HSQ-CDR	MISER Manuals on DVD .....	\$175.00

## Repair Pricing

Repair pricing for HSQ products is based on time and material at a rate of \$200.00 per hour. There is a \$300.00 evaluation fee for all repair items. Shipping cost shall be added, depending on the size of repair order.

All parts returned for repair require an Return Material Authorization (RMA) number and a payment authorization, in the form of a purchase order (P.O.) or credit card authorization. A copy of the HSQ RMA form can be found on our website ([www.hsq.com/RMA](http://www.hsq.com/RMA)) or can be forwarded via email upon request.

Please contact Chris Cornejo or Karen Santos at (510) 259-1334 or email: [repairs@hsq.com](mailto:repairs@hsq.com) for an RMA number.

25x86 Logic Processor units may be returned as a complete unit. The repair price is dependent on the actual board failure within the unit. Repair pricing above applies.

**NOTE:** All repairs must be accompanied by an HSQ RMA number and purchase authorization, as stated above. Evaluations and Repairs cannot be processed without having a customer issued purchase number or credit card purchase authorization.

# Service Pricing Sheet

## I. FIELD SERVICE (NOTE 1)

Senior Service/Software Engineer .....	\$250.00/Hour
Overtime .....	\$375.00/Hour
Service Engineer (hardware and software) .....	\$200.00/Hour
Overtime .....	\$300.00/Hour
Service Technician .....	\$175.00/Hour
Overtime .....	\$262.50/Hour

## II. JOBSITE EXPENSES (NOTE 2)

Lodging .....	\$225.00/Day
Vehicle .....	\$100.00/Day
Daily Stipend .....	\$150.00/Day

## III. TRAVEL EXPENSES (NOTE 2)

Local Vehicle .....	\$0.58/Mile
Air Fare .....	Billed At Cost

## IV. IN-TRANSIT RATES (PER SITE VISIT)

Domestic (West Coast) One (1) Day .....	\$1,500.00/Day
Domestic (East Coast) Two (2) Days .....	\$1,500.00/Day
International Three (3) Days .....	\$1,500.00/Day

## V. PARTS AND MATERIALS

A/R .....	Call for Pricing
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### NOTES

1. Field service rates are based on an eight (8) hour weekday, exclusive of any travel and/or living expenses. A minimum of four (4) hours shall be billed for all field requests.
2. Jobsite/travel expenses are *estimated for budgeting purposes only*. Actual amount billed will be cost plus a twenty percent (20%) administration fee.