

Part Number	Description				
53MC5000 Process Controller, 53IT5000 Indicator/Totalizer, 53ML5100 Manual Loader, 53SL5100 Single Loop Controller					
		53MC5	53IT5	53ML5	53SL5
Main Processor Boards					
686B608U01*	53MC5000A single loop, standard functionality OBSOLETE - order 614C189U01	✓			
686B608U02	53MC5000A two loop, standard functionality OBSOLETE - order 614C189U02	✓			
686B608U03	53MC5000A two loop, extended programmable OBSOLETE - order 614C189U03	✓			
686B608U04	53MC5000A four loop, standard functionality OBSOLETE - order 614C189U04	✓			
686B608U05	53MC5000A four loop, extended programmable OBSOLETE - order 614C189U05	✓			
<i>Note: For conformal coated boards, consult factory</i>					
The following kits replace the 686B680U* series main boards for the 53MC50000 Design Level A:					
614C189U01	Single loop, standard functionality Replaces 686B608U01	✓			
614C189U02	Two loop, standard functionality Replaces 686B608U02	✓			
614C189U03	Two loop, extended programmable Replaces 686B608U03	✓			
614C189U04	Four loop, standard functionality Replaces 686B608U04	✓			
614C189U05	Four loop, extended programmable Replaces 686B608U05	✓			
<i>Note: For conformal coated boards, consult factory</i>					
686B803U01	53MC5000B - single loop, standard functionality	✓			
686B803U06	53MC5000B - single loop, standard functionality, conformal coating	✓			
686B689U02*	53IT5100 Main Board Limited Availability - Contact Factory		✓		
686B689U03*	53ML5100 Main Board Limited Availability - Contact Factory			✓	
686B689U01*	53SL5100 Main Board Limited Availability - Contact Factory				✓
Power Supplies					
164B130U03*	120/220 Vac 50-60 Hz Power Supply	✓	✓	✓	✓
164B130U04	24 Vdc Power Supply	✓	✓	✓	✓
685B736U01	120/220 Vac 50-60 Hz Power Supply Conformal Coated	✓	✓	✓	✓
685B736U02	24 Vdc Power Supply Conformal Coated	✓	✓	✓	✓
Front Display Assembly					
698B179U01*	53MC5000 Front Display Assembly - Standard Resolution	✓			
698B275U01*	53MC5000 Front Display Assembly - High Resolution	✓			
698B179U05*	53SL5100 Front Display Assembly				✓
698B179U07*	53IT51000 and 53ML5100 Front Display Assembly		✓	✓	
Rear Terminal Boards					
686B598U01*	Standard Rear Term PCB	✓	✓	✓	✓
686B607U01*	Cord Set Rear Connector Backplane	✓			
614B853U01	Cord Set Connector Backplane and ITB	✓			
614B853U02	Cord Set Connector & ITB & Cable	✓			
686B616U01	Cord Set ITB	✓			
<i>Note: Cord Set allows remote termination of 53MC5000 Standard I/O</i>					
Chassis					
612B395U03	Enclosure Case	✓	✓	✓	✓
686B604U01	Expansion Rear Terminal Board	✓			
686B605U01	Expansion PCB	✓			
173D135U01	Cable-Main PCB to Expansion PCB	✓			

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Discrete I/O Option					
686B600U01	6 DI/4DO Option PCB	✓			
686B613U01	6 DI/4DO ITB	✓			
686B625U01	16 DI/DO Option PCB	✓			
686B628U01	16 DI/DO ITB	✓			
686B614U01	Dual Relay ITB	✓	✓	✓	✓
Analog I/Option					
686B606U01	Single Channel Analog PCB	✓			
686B612U01	Multi Channel Analog Option PCB	✓			
686B617U01	Analog ITB	✓			
Analog Conditioning Modules					
177A128U01	Analog Module 0-10 mV	✓			
177A128U02	Analog Module 0-50 mV	✓			
177A128U03	Analog Module 0-100 mV	✓			
177A128U04	Analog Module 0-1 V	✓			
177A128U05	Analog Module 0-5 V	✓			
177A128U06	Analog Module 0-10 V	✓			
177A128U07	Analog Module-RTD (100 OHM) -100 +100°C	✓			
177A128U08	Analog Module-RTD (100 OHM) 0-100°C	✓			
177A128U09	Analog Module-RTD (100 OHM) 0-200°C	✓			
177A128U10	Analog Module-RTD (100 OHM) 0-600°C	✓			
177A128U11	Analog Module-RTD (10 OHM) 0-120°C 10 ohm @ 0°C	✓			
177A128U12	Analog Module-RTD (10 OHM) 0-120°C 10 ohm @ 25°C	✓			
177A128U13	Analog Module-RTD (120 OHMS ni) 0-300°C	✓			
177A128U14	Analog Module-Type J, 0-760°C	✓			
177A128U15	Analog Module-Type J, -100 +300°C	✓			
177A128U16	Analog Module-Type J, 0-500°C	✓			
177A128U17	Analog Module-Type K, 0-1000°C	✓			
177A128U18	Analog Module-Type K, 0-500°C	✓			
177A128U19	Analog Module-Type T, -100 +400°C	✓			
177A128U20	Analog Module-Type T, 0-200°C	✓			
177A128U21	Analog Module-Type E, 0-1000°C	✓			
177A128U22	Analog Module-Type R, +500 -1750°C	✓			
177A128U23	Analog Module-Type S, +500 -1750°C	✓			
177A128U24	Analog Module-Type B, +500 -1800°C	✓			
177A128U25	Analog Module 0-20 mA	✓			

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53MC5000 Process Controller, 53IT5000 Indicator/Totalizer, 53ML5100 Manual Loader, 53SL5100 Single Loop Controller					
Communications Options					
686B599U01	MicroLink High Speed Communication Option PCB	✓			
614B855U01	Communications ITB & Communication Cable	✓	✓	✓	✓
614B855U02	MicroLink Communications PCB & Communication Cable	✓			
614B855U03	MicroLink Communication PCB, Communication ITB & Communication Cable	✓			
686B622U01	Communications ITB only	✓	✓	✓	✓
686B615U01	SCADA Adaptor	✓	✓	✓	✓
686B713U01	Active Terminator Board	✓	✓	✓	✓
686B715U01	HART Multi Drop ITB	<i>Discontinued</i>			
686B703U01	HART Modem ITB	<i>Discontinued</i>			
686B699U01	Multi-channel Analog/HART PCB Only	<i>Discontinued</i>			
686B705U01	HART Option Connector Board	<i>Discontinued</i>			
686B700U01	Auxiliary Processor Board, (APB)	✓			
686B720U01	RS232/485 ITB	✓	✓	✓	✓
Cables					
677B942U01	Display to Main PCB Ribbon Cable (std resolution, 25 pin to 25 pin)	✓	✓	✓	✓
614C157U01	Display to Main PCB Ribbon Cable (std resolution, 25 pin to 50 pin)	✓			
614C157U02	Display to Main PCB Ribbon Cable (high resolution, 50 pin to 50 pin)	✓			
677B943U01	Comm. Cable 2.5 Ft.	✓	✓	✓	✓
677B943U02	Comm. Cable 5 Ft.	✓	✓	✓	✓
677B943U03	Comm. Cable 25 Ft.	✓	✓	✓	✓
677B943U04	Comm. Cable 40 Ft.	✓	✓	✓	✓
677B944U01	ITB Cable Assy. 5 Ft.	✓			
677B944U02	ITB Cable Assy. 10 Ft.	✓			
677B944U03	ITB Cable Assy. 25 Ft.	✓			
698B183U01	25 Pin Serial Cable (Instrument to PC)	✓	✓	✓	✓
698B184U01	9 Pin Serial Cable (Instrument to PC)	✓	✓	✓	✓
172M100U02	9-pin to 9-pin communications cable, Null Modem	✓			
Miscellaneous					
123G001U01	Case MTG Bracket (Package of 2)	✓	✓	✓	✓
129A003U03	Wall Mount Channel 4 Ft.	✓			
614B958U01	Din Rail Adapter Kit (Includes 12 - 129A004U01)	✓	✓	✓	✓
161M417U05	250 OHM Resistor	✓	✓	✓	✓
338B708A11	Rear of Case Tag	✓	✓	✓	✓
338F102U01	Paper Grey Tag (Strip of 6)	✓	✓	✓	✓
338F103U01	Plastic Tag	✓	✓	✓	✓
355J093U01	Single Trim Collar	✓	✓	✓	✓
612B403U01	Panel Filler Kit (72 x 144 mm DIN)	✓	✓	✓	✓
614B762U02	3 x 6 Panel Conversion Kit	✓	✓	✓	✓
325A095U01	Front Latch Door (covers RS232 Configuration Port)	✓	✓	✓	✓
614B940U01	Single Instrument NEMA 4 Cover Kit	✓	✓	✓	✓
Fuses					
151B055U01	0.25 AMP, for 6DI/4DO ITB, Analog ITB, HART, & HART Modem ITB - pkg of 6	✓			
151B055U03	1.0 AMP, for 16 DI/DO ITB - package of 2	✓			
151B055U04	10 AMP, for Dual Relay ITB - package of 2	✓			

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53MC5000 Process Controller, 53IT5000 Indicator/Totalizer, 53ML5100 Manual Loader, 53SL5100 Single Loop Controller					
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Functionality Upgrade Kits					
614B873U01	53MC5000A Software Kit "PIC" 2 Loop Standard Functionality	✓			
614B873U02	53MC5000A Software Kit "PIC" 2 Loop Extended Functionality	✓			
614B873U03	53MC5000A Software Kit "PIC" 4 Loop Standard Functionality	✓			
614B873U04	53MC5000A Software Kit "PIC" 4 Loop Extended Functionality	✓			
614C175U01	53MC5000B Software License Kit 2 Loop/ Standard Functionality	✓			
614C175U02	53MC5000B Software License Kit 2 Loop/Extended Functionality	✓			
614C175U03	53MC5000B Software License Kit 4 Loop/ Standard Functionality	✓			
614C175U04	53MC5000B Software License Kit 4 Loop/Extended Functionality	✓			
614B917U01	Proportional Speed Floating Control EPROM Kit (Single Loop Only)	✓			
614B903U01	Custom EPROM Kit for use with 53HC3300 EPROM Generator for 53MC5	✓			
699B287U09	53IT5100 Standard Functionality "PIC"		✓		
699B287U10	53ML5100 Standard Functionality "PIC"			✓	
699B287U11	53SL5100 Standard Functionality "PIC"				✓
Hardware / Firmware Upgrade Kits					
614B978U01	53SL5100 Rev 1 Firmware Upgrade Kit				✓
614B989U01	53IT5100 Rev 1 Firmware Upgrade Kit		✓		
614B988U01	53ML5100 Rev 1 Firmware Upgrade Kit			✓	
614C090U01	53MC5000A Rev 5 Firmware Upgrade	✓			
614C176U01	53MC5000 Case Magnet Kit	✓			
614C174U01	53MC5000A to 53MC5000B Hardware Upgrade Kit using Standard Resolution Display (display NOT included)	✓			
614C174U02	53MC5000A to 53MC5000B Hardware Upgrade Kit using High Resolution Display (display included)	✓			
614C174U03	53MC5000A to 53MC5000B hardware Upgrade Kit using Standard Resolution Display (display NOT included) - Conformal Coated	✓			
614C174U04	53MC5000A to 53MC5000B Hardware Upgrade Kit using High Resolution Display (display included) - Conformal Coated	✓			
614C088U01	53MC5000 Microlink PROM Upgrade to current verison (Ceramic PROMS)	✓			
614C088U02	53MC5000 Microlink PROM Upgrade to current verison (Plastic PROMS)	✓			

Part Number	Description	
53SL6000 "MicroMite" Controller Spare and Expansion Parts		
Display/Controller Assembly		53SL6000
698B235U01 *	Display/Controller Assembly (Bezel, Display/Controller Board, Front Membrane, Gasket)	<input checked="" type="checkbox"/>
333B016U01 *	Display/Controller Gasket (only)	<input checked="" type="checkbox"/>
Power Supply		
686B736U01 *	120/220 Vac 50-60 Hz Power Supply	<input checked="" type="checkbox"/>
Rear Terminal Plugs		
172G440U01	AC Input Terminal Plug - 3P	<input checked="" type="checkbox"/>
172G440U03	Standard Input/Output Terminal Plug - 12P	<input checked="" type="checkbox"/>
172F464U04	Universal Module Terminal Plug - 8P	<input checked="" type="checkbox"/>
172F464U03	Contact Output Terminal Plug - 6P	<input checked="" type="checkbox"/>
172F464U01	Contact Input Terminal Plug - 4P	<input checked="" type="checkbox"/>
172F464U02	RS-422/485 Comm. Module Terminal Plug - 5P	<input checked="" type="checkbox"/>
172F464U07	RS-232 Communication Module Terminal Plug - 5P	<input checked="" type="checkbox"/>
Chassis		
324A528U01	Enclosure Case - Molded	<input checked="" type="checkbox"/>
353F064U01	Mounting Bracket (only)	<input checked="" type="checkbox"/>
396C272U01	Mounting Bracket Screw	<input checked="" type="checkbox"/>
Discrete I/O Option		
682A551U01	2 DI/2DO Option Module	<input checked="" type="checkbox"/>
Analog I/Option		
682A550U01	Single Universal Module - Limited Availability, Contact Factory	<input checked="" type="checkbox"/>
682A550U02	Dual Universal Module - Limited Availability, Contact Factory	<input checked="" type="checkbox"/>
Communications Option		
682A552U01 *	RS-422/485 Communications Module	<input checked="" type="checkbox"/>
682A552U02 *	RS-232 Communications Module	<input checked="" type="checkbox"/>
014F010T10	Communications Module Retaining Screw (4-40 x 5/8)	<input checked="" type="checkbox"/>
686B720U01	RS232/485 Interface Terminal Board (ITB)	<input checked="" type="checkbox"/>
686B622U01	Communications Interface Terminal Board (ITB)	<input checked="" type="checkbox"/>
53SL6000 Cables		
173D078U01 *	Cable-Display to Power Supply	<input checked="" type="checkbox"/>
698B239U01	Cable - Controller to PC, RS232 interface Cable	<input checked="" type="checkbox"/>
698B240U01	Cable - PC to RS232/485 ITB, RS232 interface Cable	<input checked="" type="checkbox"/>
677B943U01	Comm. Cable 2.5 Ft.	<input checked="" type="checkbox"/>
677B943U02	Comm. Cable 5 Ft.	<input checked="" type="checkbox"/>
677B943U03	Comm. Cable 25 Ft.	<input checked="" type="checkbox"/>
677B943U04	Comm. Cable 40 Ft.	<input checked="" type="checkbox"/>
172M100U02	9-pin to 9-pin communications cable, Null Modem	<input checked="" type="checkbox"/>

Part Number	Description	
53SL6000 "MicroMite" Controller Spare and Expansion Parts		
Miscellaneous		53SL6000
014F004T10	Module Retaining Screw & 101W796U01 O-ring (for Digital and Analog option modules)	✓
014H006T10	Grounding Screw	✓
107J013U01	Screw Driver	✓
338F104U01	Identification Tag	✓

Supervisor-PC Spare and Expansion Parts		
614C085U01	Supervisor-PC Datalink PROM Upgrade to Version 5	
614C086U01	Supervisor-PC Microlink PROM Upgrade to Version 5	
677B814U01	Cable, Supervisor-PC to Allen-Bradley or Modicon (25 pin) - 5 ft	
677B814UXX	Cable, Supervisor-PC to Allen-Bradley or Modicon (25 pin) - custom length	
677B815U01	Cable, Supervisor-PC to Opto MUX (15 pin) - 5 ft	
677B815UXX	Cable, Supervisor-PC to Opto MUX (15 pin) - custom length	
677B826U01	Cable, Supervisor-PC to Allen-Bradley (15 pin) - 5 ft	
677B826UXX	Cable, Supervisor-PC to Allen-Bradley (15 pin) - custom length	
677B907U01	Cable, Datalink Supervisor Card to any Micro-DCI Instrument - 5 ft	
677B907U02	Cable, Datalink Supervisor Card to any Micro-DCI Instrument - 10 ft	
677B907U03	Cable, Datalink Supervisor Card to any Micro-DCI Instrument - 15 ft	
677B907U04	Cable, Datalink Supervisor Card to any Micro-DCI Instrument - 20 ft	
677B907U05	Cable, Datalink Supervisor Card to any Micro-DCI Instrument - 25 ft	
677B907U06	Cable, Datalink Supervisor Card to any Micro-DCI Instrument - 30 ft	
677B907U07	Cable, Datalink Supervisor Card to any Micro-DCI Instrument - 50 ft	
686B574U03	Supervisor card, Datalink with PLC option	
686B619U03	Supervisor card, Microlink	
686B619U04	Supervisor card, Microlink with PLC option	
686B626U02	Redundant Microlink Interface	
686B627U01	Supervisor CCI/CCO ITB - Microlink	
172S001U02	Supervisor CCI/CCO ITB (Datalink)	

EP-1000 E-Port Ethernet Converter Spare Parts		
623B600U01	Snap Trac Mounting Bracket	
122C100U01	Wall/DIN Rail mounting bracket Kit	
172M100U01	Cable, null modem, DB-9F, 1 ft.	
172M100U02	Cable, null modem, DB-9F, 6 ft.	
677C101U01	Cable, power adaptor	

Part Number	Description
Product Manuals	
<i>All manuals are supplied on CD with product at time of ordering. Printed paper manuals can be ordered as follows:</i>	
PN24950	53MC5000 Instruction Bulletin
PN24568A	53MC5000 Flexible Control Strategies
PN24976	53MC5000 Installation Guide
PN29475A	53MC5000 Customization Guide (F-TRAN & FCIM)
PN24470	53MC9011 (53MC5000) MicroLink Instruction Bulletin
694A072U01	53MC9014 (53MC5000) HART Interface
PN24627A	53MC9015 (53MC5000) PLC/Printer Interface I.B.
PN24698	53ML5100 Instruction Bulletin
PN24479	53IT5100 Instruction Bulletin
PN24469	53SL5100 Instruction Bulletin
PN24991A	53SL6000 Instruction Bulletin
PN26002	53MT6000 MicroTools Instruction Bulletin
PN26001	53PW6000 MicroPWC Installation & Setup
PN24829	53PW6000 MicroPWC Operations Guide
PN25294	53PW6000 MicroPWC Configuration Guide
PN26000	53SU6000 MicroDCI Communication Services
PN26003	53HC2600 LoopMaster Configuration Guide
PN26010	EP1000A Ethernet Converter

* Indicates Recommended Spare Parts