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BANDIT SYSTEM SCHEMATICS

Driver.....	12-213-505-03
Keyboard Interface.....	12-214-001-02
Interface.....	12-214-001-03
Encoder Interface.....	12-214-008-01
Pop Interlock I/O.....	12-214-009-02
Threading.....	12-214 015-02
Processor - EPROM.....	12-214-021-03
Processor - EPROM.....	12-214-021-05
Processor - ROM.....	12-214-021-07
Display Processor.....	12-214-026-02
Interpolator - Hi Speed.....	12-214-027-02
Interpolator.....	12-214-027-02
PT./PT. Axes Selector.....	12-214-027-03
Memory.....	12-214-029-05
Main Logic.....	12-214-031-02
Main Logic.....	12-214-031-02
M-Function - 100 Misc.....	12-214-062-01
M-Function - SPDL/Coolant Control.....	12-214-062-02
S-Function - Uni-Analog Voltage.....	12-214-062-03
T-Function - Turret-8 Station.....	12-214-062-04
M-Function - Relay BCD.....	12-214-062-07
Spindle Speed - Bipolar.....	12-214-062-08
M-Function - General Purpose.....	12-214-062-09
M-Function - 00-19.....	12-214-062-10
M-Function - Expansion.....	12-214-062-11
M-Function - Selectable Decade.....	12-214-062-12
M-Function - Latch Expander.....	12-214-062-13
R-Function.....	12-214-062-19
Return to Home.....	12-214-066-01
Plotter Interface.....	12-214-068-01
Motor Logic.....	12-214-069-00
Motor Logic - Hi Power.....	12-214-069-01
Motor Logic Resolver - DC.....	12-214-069-33
Resolver Phase Logic.....	12-214-069-34
Driver - 8138.....	12-214-071-01
Driver.....	12-214-072 01
Driver - DC.....	12-214-075-61
Regulator.....	12-214-084-08
Regulator Board.....	12-214-084-09
Regulator - Closed Loop.....	12-214-084-10
Regulator - Closed Loop.....	12-214-084 11
DC Regulator.....	12-214-084 11
Battery Backup.....	12-214-085-01
72 Hour Batery Backup.....	12-214-085-02
Reed Relay.....	12-214-092-01

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BANDIT SYSTEM SCHEMATICS  
-Continued-

Interconnect Module - Pulse/Dir.....	12-214-092-60
Sample Hold.....	12-214-092-71
BCD Output.....	12-214-093-02
Keyboard Display.....	12-214-095-01
Keyboard Display.....	12-214-095-10
Display - Driver.....	12-214-098-11
Display Driver.....	12-214-098-14
Display - Position.....	12-214-099-07
Front Panel Wiring.....	13-238-300-13
Power Supply - Closed Loop.....	13-268-300-XX
Incoming Power - Standard Voltage Stepper.....	CD-268-300-40
Incoming Power - Closed Loop High Voltage.....	CD-268-300-41

TASKMASTER SYSTEM SCHEMATICS\*

		<u>REV</u>
Motor Logic.....	12-214-069-02	A
Driver - Half Step.....	12-214-071-01	A
Driver - Half Step (Quiet).....	12-214-071-03	A
Power Supply.....	12-214-081-02	C

\*NOTE: Taskmaster systems may use printed circuit boards that are supplied in Bandit CNC systems. Refer to the Bandit Schematic list for the board schematic you desire.

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<u>PART #</u>	<u>BOARD OR OPTION</u>	<u>DOCUMENT #</u>
214-062 10	M-FUNCTION - INST. & OPER.	714-160 01
214-062 11	M-FUNCTION - EXPANSION BOARD	714-540 01
214-062 12	M-FUNCTION - SELECTABLE DECADE	714-170 01
214-066 02	AUTO CLAMP BOARD-3 AXIS	724-066 02
214-069 00	MOTOR LOGIC	724-069 02
214-069 01	MOTOR LOGIC	N/A
214-069 33/34	D.C. RESOLVER D.C. MOTOR LOGIC	724-069 33
214-069 35/36	D.C. RESOLVER D.C. MOTOR LOGIC	724-069 01
214-072 01	MOTOR DRIVER	724-072 01
214-075 61	D.C. DRIVER	724-075 61
214-084 09C	REGULATOR	724-084 09
214-084 11	REGULATOR	724-084 11
214-092 01	REED RELAY BOARD            SEE 214-062 01 WRITE UP	
214-092 60	INTERCONNECT MOD.	N/A
214-092 71	SAMPLE HOLD BOARD-REV.D	712-040 01D
216-321 XX	FRONT MOUNT MOTOR PACKAGE	726-321 01
216 330 3X	MOTOR FEEDBACK PACKAGE	726-330 30
298-300 34	AIR COOLING SUBASSEMBLY	748-300 01
<b><u>709 SERIES</u></b>		
209-000 04	CHANGING THE 62V to 70V TRANSFORMER	709-000 04
209-000 06	LINEAR/ROTARY AUX. AXES PHASE STEP DRIVE	709-000 06
209-305 01	BANDIT REMOTE FRONT PANEL	709-305 01
209-306 01	BANDIT REMOTE JOG CONTROL	709-306 01

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APPENDIX B

LISTING OF INSTALLATION/OPERATION MANUALS & WRITE-UPS  
FOR BOARDS, OPTIONS, ETC.

<u>PART #</u>	<u>BOARD OR OPTION</u>	<u>DOCUMENT #</u>
104-084 01	+5VDC AUXILIARY SUPPLY OPTION	710-010 01
118-300 60	RANDOM TOOL & SPEED SELECT - 05	718-300 60
118-300 61	RANDOM TOOL & SPEED SELECT L.II	718-300 60
118-300 64	RANDOM TOOL & SPEED SELECT - 07	718-300 60
148-300 72	PLOTTER INTERFACE	714-720 00
168-300 03	72 HOUR BATTERY BACK-UP	716-030 01
212-021 05	REMOTE JOG CONTROL	722-021 05
212-050 10	TAPE READER	722-050 10
214-008 01	ENCODER INTERFACE	724-008 01
214-008 03	PRIMARY ENCODER INTERFACE	724-008 03
214-009 02	POWER ON PRESET BOARD - REV.F	724-009 01F
214-015 02	THREADING BOARD	712-720 01
214-021 03	PROCESSOR	N/A
214-021 05	PROCESSOR	N/A
214-021 07	PROCESSOR	N/A
214-026 02	DISPLAY PROCESSOR	724-026 02
214-027 02	INTERPOLATOR-REV.D1	724-027 01D1
214-027 03	AXES SELECTOR	N/A
214-031 02	MAIN LOGIC - REV. M	724-031 01
214-062 01	M-FUNCTION BOARD - 99 MISC.	714-110 01
214-062 02	M-FUNCTION - SPINDLE COOLANT	724-062 02
214-062 07	M-FUNCTION - INST. & OPER.	714-150 01
214-062 09	M-FUNCTION - GENERAL PURPOSE	714-180 01

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<u>PART#</u>	<u>BOARD OR OPTION</u>	<u>DOCUMENT#</u>
	<u>709 SERIES (CONT.)</u>	
209-603 01	BANDIT BATTERY BACK-UP (72 HR)	709-603 01
209-603 02	BATTERY BACK-UP (TASKMASTER)	709-603 02
209-714 00	BANDIT REMOTE START BUTTON	709-714 00
209-715 01	BANDIT PLEXIGLASS FRONT PANEL	709-715 01
SYSTEM SCHEMATICS		798-300 01
CLOSED LOOP ADJ. PROCEDURE		798-300 20

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709 SERIES (CONT.)

209-351 01	RETURN TO HOME	709-351 01
209-351 01	AUTO HOME	709-351 02
209-352 01	AUTO HOME (TASKMASTER)	709-352 01
209-401 03	SUPERIOR ELE. READER INTERFACE	709-401 03
209-403 01	BANDIT DISPLAY	709-403 01
209-403 02	TASKMASTER DISPLAY	709-403-02
209-407 01	ENCODER DISPLAY	709-407 01
209-407 02	ENCODER DISPLAY	709-407 02
209-408 01	TRACKING PULSE DISPLAY MAIN AXES	709-408 01
209-408 02	TRACKING PULSE DISPLAY MAIN AXES	709-408 02
209-410 01	BANDIT POWER SUPPLY	709-410 01
209-472 01	BANDIT PLOTTER INTERFACE	709-472 01
209-472 02	TASKMASTER PLOTTER INTERFACE	709-472 02
209-514 01	REVISE BANDIT TO RESOLVER CLOSED LOOP (1 AXIS)	709-514 01
209-515 01	REVISE BANDIT TO RESOLVER CLOSED LOOP (2 AXIS)	709-515 01
209-516 01	REVISE BANDIT TO RESOLVER CLOSED LOOP (3 AXIS)	709-516 01
209-560 01	AUX. AXIS PULSE AND DIRECTION	709-560 01
209-561 01	AUX. AXIS PHASE STEP DRIVE	709-561 01
209-562 01	AUXILIARY AXIS RESOLVER	709-562 01
209-601 00	BANDIT BATTERY BACK-UP	709-601 00
209-601 01	BATTERY BACK-UP (TASKMASTER)	709-601 01

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