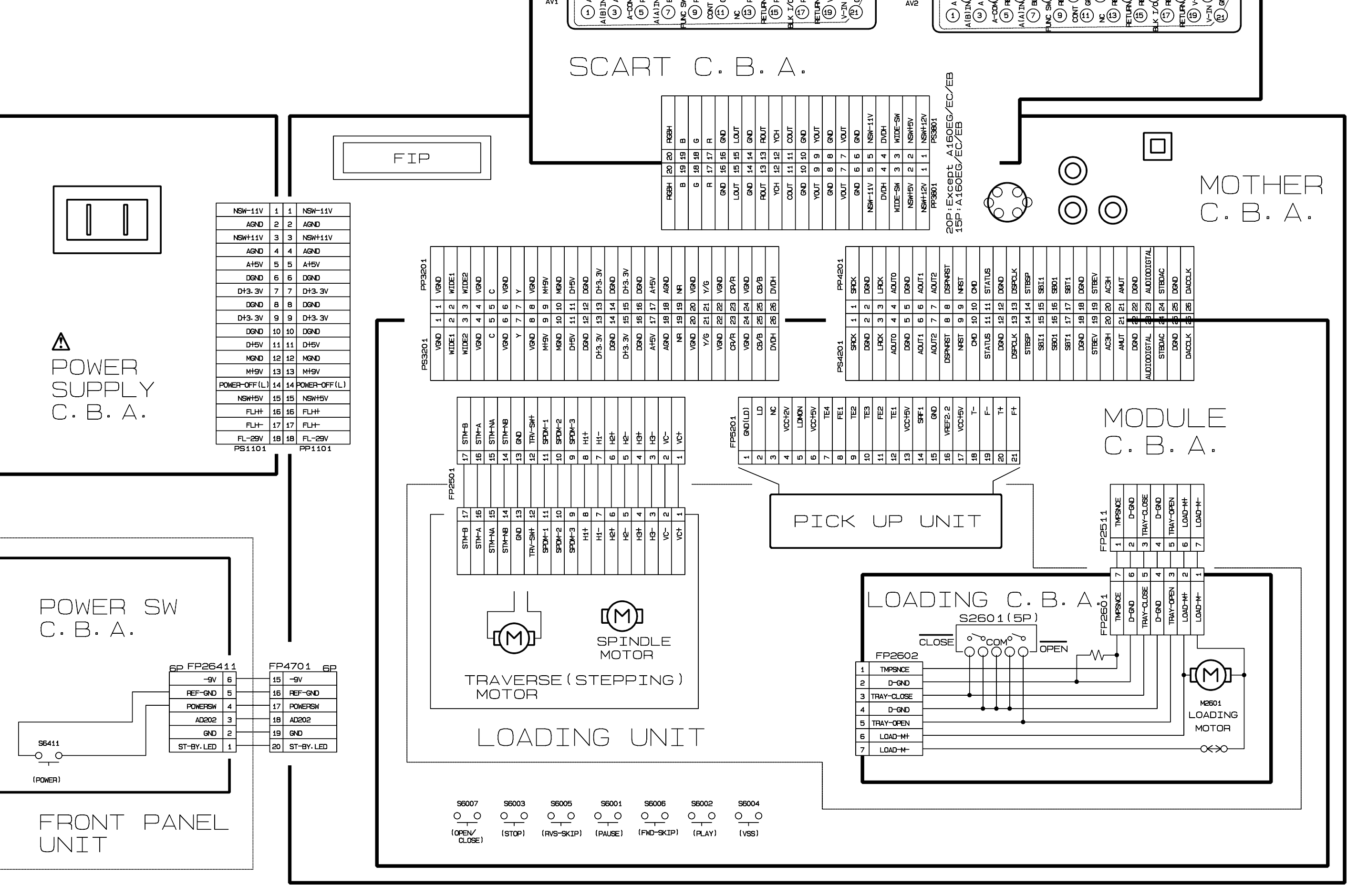


# INTERCONNECTION DIAGRAM



### FRONT PANEL UNIT

S6411 (POWER)

6P FP26411	6	-9V	15	-9V	6P FP4701	15	-9V
	5	REF-GND	16	REF-GND		16	REF-GND
	4	POWERSW	17	POWERSW		17	POWERSW
	3	AD202	18	AD202		18	AD202
	2	GND	19	GND		19	GND
	1	ST-BY. LED	20	ST-BY. LED		20	ST-BY. LED

### POWER SUPPLY C.B.A.

PS1101

NSW-11V	1	1	NSW-11V
AGND	2	2	AGND
NSW+11V	3	3	NSW+11V
AGND	4	4	AGND
A+5V	5	5	A+5V
DGND	6	6	DGND
D+3.3V	7	7	D+3.3V
DGND	8	8	DGND
D+3.3V	9	9	D+3.3V
DGND	10	10	DGND
D+5V	11	11	D+5V
MGND	12	12	MGND
M+5V	13	13	M+5V
POWER-OFF (L)	14	14	POWER-OFF (L)
NSW+5V	15	15	NSW+5V
FLH+	16	16	FLH+
FLH-	17	17	FLH-
FL-29V	18	18	FL-29V

### POWER SW C.B.A.

S6411

### SCART C.B.A.

J3871 AV1

1	A I/O OUT
2	A I/O IN
3	A I/O OUT
4	A-COM
5	RETURN
6	A I/O IN
7	BLUE I/O
8	FUNC SW
9	RETURN
10	CONT
11	GREEN I/O
12	NC
13	RETURN
14	RETURN
15	RED I/O
16	BLK I/O
17	RETURN
18	V-OUT
19	V-IN
20	GND

J3881 AV2

1	A I/O OUT
2	A I/O IN
3	A I/O OUT
4	A-COM
5	RETURN
6	A I/O IN
7	BLUE I/O
8	FUNC SW
9	RETURN
10	CONT
11	GREEN I/O
12	NC
13	RETURN
14	RETURN
15	RED I/O
16	BLK I/O
17	RETURN
18	V-OUT
19	V-IN
20	GND

### LOADING UNIT

SPINDLE MOTOR

TRAVERSE (STEPPING) MOTOR

FP2501

1	VC+
2	VC-
3	H3-
4	H3+
5	H2-
6	H2+
7	H1-
8	H1+
9	SPDM-3
10	SPDM-2
11	SPDM-1
12	TRV-SW+
13	GND
14	STM-NB
15	STM-NA
16	STM-A
17	STM-B

### PICK UP UNIT

FP2501

1	GND(LD)
2	LD
3	NC
4	VCC+2V
5	LDMON
6	VCC+5V
7	TE4
8	FE1
9	TE2
10	TE3
11	FE2
12	TE1
13	VCC+5V
14	SFF1
15	GND
16	VREF2.2
17	VCC+5V
18	T-
19	F-
20	T+
21	F+

### LOADING C.B.A.

S2601 (5P)

FP2601

1	LOAD-M+
2	LOAD-M-
3	TRAY-OPEN
4	D-GND
5	TRAY-CLOSE
6	D-GND
7	TMPSENCE

FP2602

1	TMPSENCE
2	D-GND
3	TRAY-CLOSE
4	D-GND
5	TRAY-OPEN
6	LOAD-M+
7	LOAD-M-

M2601 LOADING MOTOR

S6007 (OPEN/CLOSE)

S6003 (STOP)

S6005 (RVS-SKIP)

S6001 (PAUSE)

S6006 (FWD-SKIP)

S6002 (PLAY)

S6004 (VSS)

### MOTHER C.B.A.

PP3201

1	NSW+12V
2	NSW+5V
3	WIDE-SW
4	DVDH
5	NSW-11V
6	GND
7	VOUT
8	GND
9	YOUT
10	GND
11	COUT
12	YCH
13	ROUT
14	GND
15	LOUT
16	GND
17	R
18	G
19	B
20	RGBH

PP3801

1	NSW+12V
2	NSW+5V
3	WIDE-SW
4	DVDH
5	NSW-11V
6	GND
7	VOUT
8	GND
9	YOUT
10	GND
11	COUT
12	YCH
13	ROUT
14	GND
15	LOUT
16	GND
17	R
18	G
19	B
20	RGBH

20P: EXCEPT A160EG/EC/EB  
15P: A160EG/EC/EB