SRV/module(2/8)

IC2511
BA5983FM-E2
(MOTOR DRIVE)

1	BIASIN	PreVcc	28
2	OPIN1+	OPIN4+	27
3	OPIN1−	OPIN4−	26
4	OPOUT1	OPOUT4	25
5	OPIN2+	OPIN3+	24
6	OPIN2−	OPIN3−	23
7	OPOUT2	OPOUT3	22
29	FIN	FIN	30
8	GND	GND	21
9	STBY1	STBY2	20
10	PowVcc1	PowVcc2	19
11	VO2−	VO3−	18
12	VO2+	VO3+	17
13	VO1−	VO4−	16
14	VO1+	VO4+	15

FEP VREFC — R2507 12k
ADSC FODRV — R2505 10k
ADSC TDOFST
ADSC TRDRV — R2506 10k — TC2506 — R2509 27K
R2508 12k — R2512 27K
R2516 12k — R2517 12k — R2518 24k — R2519 24k
R2523 10k — TRSDRV-A ADSC
R2524 10k — TRSDRV-B ADSC
ADSC DRVMUTE
FEP T−
FEP T+
FEP F−
FEP F+
LB2521 JALBK2HS470T
LB2520 JALBK2HS470T
LB2519 JALBK2HS470T
LB2518 JALBK2HS470T
ADSC DD+5V
VDAC D+5V
L2501 VLQ0079K100
C2501 6.3V100
C2502 6.3V330

FP2501

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

TO SPINDLE MOTOR UNIT

ADSC TRV-SW — LB2517 VLP0323A601T

FP2511

1	TMPSNCE
2	DGND
3	TRAY-CLOSE
4	DGND
5	TRAY-OPEN
6	LOAD-M+
7	LOAD-M−

TO LOADING MOTOR UNIT

ADSC TRAY-CLOSE — LB2515 VLP0323A601T — TC2502 — TC2503
ADSC TRAY-OPEN — LB2514 VLP0323A601T
LB2512 JALBK2HS470T — TC2505
LB2513 JALBK2HS470T — TC2504

ADSC SS
ADSC FGC
R2504 10k
R2501 47K
QR2501 XP1213-TX (AMP)
ADSC DD+3.3V

(SPINDLE MOTOR DRIVE)
IC2501
AN8485SB-E1

1	PG	A1	28
2	H1+	OUT1	27
3	H1−	A2	26
4	H2+	OUT2	25
5	H2−	NC	24
6	H3+	A3	23
7	H3−	CS1	22
29	FIN	FIN	30
8	VH	VM	21
9	SS	VREF	20
10	ECR	Rin	19
11	EC	Fin	18
12	BRK	PCI	17
13	VCC	FG	16
14	GND	FGC	15

LB2501 VLP0323A601T — C2503 0.01
LB2502 VLP0323A601T
LB2503 VLP0323A601T — C2504 0.01
LB2504 VLP0323A601T
LB2505 VLP0323A601T — C2505 0.01
LB2506 VLP0323A601T
LB2508 VLP0323A601T — R2510 270
LB2507 VLP0323A601T — R2511 270
C2510 0.1 — LB2511 — JALBK2HS470T
LB2510 — JALBK2HS470T — TC2507
C2511 0.1
C2512 0.1 — LB2509 — JALBK2HS470T
R2515 0.39
R2520 5.6K
M+9V VDAC
RA2502 (10K×2)
R2502 18K
R2503 18K
CP2502
CP2501
ADSC ECR
ADSC EC
R2522 10k
C2506 0.1
C2507 0.1
RA2501 (10K×2)
FG ADSC
QR2503 UN5213-TX (AMP)
ADSC BRK
R2513 10k
C2509 0.1
R2521 56K
VDAC DGND
C2508 0.1
MGND VDAC
TRAYSET1 ADSC
TRAYSET2 ADSC
QR2502 XP1213-TX (AMP)

NOTE:DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING. THE CORRECT PART NUMBER IS SHOWN IN THE PARTS LIST. AND MAY BE SLIGHTLY DIFFERNT OR AMENDED SINCE THIS DRAWING WAS PREPARED.