MAIN SIGNAL PATH

IC2501
C0GBG0000020(BA5823FM-E2) or
C0GBG0000033(BA5833FM-E2)
(MOTOR DRIVE)

1.6	1	BIAS1	LDCNT 28	3.2	
1.6	2	VIN1	MUTE3 27	3.3	
1.6	3	VIN2	TRIN 26	1.6	
2.0(1.4)	4	OPIN+	BIAS2 25	1.6	
2.0(2.3)	5	OPIN-	LDIN 24	1.6	
1.6(0)	6	OPOUT	VIN3 23	1.8	
	7	GND(PRE)	PREVCC 22	9.0	
		FIN	FIN	9.0	
5.0	8	VCC(CH1,2)	VCC(CH3,4) 21	9.0	
0 (3.3)	9	MUTE12	MUTE4 20	3.2	
	10	GND(CH1,2)	GND(CH3,4) 19	3.8(2.5)	
2.9	11	VD2-	VD3- 18	3.8(5.9)	
2.9	12	VD2+	VD3+ 17	4.3	
2.9	13	VD1-	VD4- 16	4.3	
2.9	14	VD1+	VD4+ 15		

TO
OPTICAL PICKUP UNIT
FP5201

T+	30
F+	29
F-	28
T-	27
3.3VHFM	26
GND	25
LD+(DVD)	24
GND	23
GND	22
RFP	21
RFN	20
F1(DVD)	19
F2(DVD)	18
GAINH/L	17
PIN(DVD)	16
VREF2.2(DVD)	15
TA(DVD)	14
TD(DVD)	13
TC(DVD)	12
TB(DVD)	11
VCC5V	10
FE1	9
GND	8
LD+(CD)	7
T1(CD)	6
VREF2.2(CD)	5
FE2(CD)	4
T2(CD)	3
PIN(CD)	2
GND	1

TO P37001
AV DECODER C.B.A.
FP5202

1	DGND
2	DGND
3	D+5V
4	D+5V
5	M+9V
6	M+9V
7	M+9V
8	MGND
9	MGND
10	MGND
11	MGND
12	MUTE 3
13	MUTE 1
14	DMV
15	FO IN
16	TR IN
17	SPD IN
18	TRAYIN
19	TRAYREF
20	TRVSIN
21	MUTE2
22	TRAY/TRV
23	IN-SW
24	LDCUR
25	VREF2
26	A+5V
27	REFNV
28	TSTSG
29	NARF
30	APF
31	AGND
32	A+3.3V
33	A+3.3V
34	VHALF
35	FS
36	FE
37	TE
38	AGND
39	BDO
40	OFTR
41	FEPDATA
42	FEPCLK
43	FEPENB
44	AGND
45	TBAL
46	FBAL
47	AGND
48	GAINH/L
49	HFMON
50	AGND

IC5201
AN8708FHK
(FEP)

RFENV 36	PEAK 35	DCRF 34	RFINN 33	RFINP 32	TESTSG 31	AGCG 30	DCAGC 29	SAG 28	FLTON 27	FLTOP 26	VCC2 25	BDOSL 24	OFTSL 23	VHALF 22	FS 21	FE 20	GND2 19	RSCL 18	VDD 17	BDO 16	OFTR 15	VSS 14	TE 13	
1.6 (0.9)	1.6 (2.0)	0 (0.6)	2.2	2.2	0	0.6 (1.4)	1.7	1.0	1.8	1.8	3.3	1.6	1.6	1.6	1.6 (2.1)	1.6		0.5	3.3	0	3.3(0)		1.6	
VIN5 38	VIN6 39	VIN7 40	VIN8 41	VREF2 42	VIN1 43	VIN2 44	VIN3 45	VIN4 46	VIN9 47	VIN10 48	VCC1 37	GND1 1	LPC1 2	LPCO1 3	LPC2 4	LPCO2 5	FBAL 6	TBAL 7	POFLT 8	SEN 9	SCK 10	STDIO 11	VREF1 12	
2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	5.0	0 (0.5)	4.6 (3.3)	0	4.6	1.6	1.6	1.7 (1.4)	3.3	2.7	3.3	1.8		

QR5251
UN2121-TX
(SWITCHING 3.3VHFM)

RA2501 47Kx4
RA5231 100x4

NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.
THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS( )ON THIS DIAGRAM IS PLAYBACK MODE.

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

NV-VHD1B/EC/EE/F
FEP & DRV IN TERMINAL SCHEMATIC DIAGRAM