

IC INFORMATION		PDC080A		
Function	System Control IC			1/2
Type	C MOS	Model	XV-DV77	E

● Pin Function

No.	Pin Name	I/O	MOS	Function	Pin Function
1	BEEP	O	C	Port	BEEP Output
2	XDSP SUB CS	O	C	Port	YSS912 SUB DSP Control CE
3	XDSP MAIN CS	O	C	Port	YSS912 MAIN DSP Control CE
4	DSP CK	O	C	Port	YSS912 Communication Clock Signal
5	DSP SI	I	C	Port	YSS912 Communication Data input Signal
6	TXCLK	O	C	Port	FM/AM Tuner module Control Clock
7	TXDI	O	C	Port	FM/AM Tuner module Control Data
8	TXCE	O	C	Port	FM/AM Tuner module Control CE
9	DSP SO	O	C	Port	YSS912 Communication Data output Signal
10	XFL CS	O	C	Port	FL Driver CE
11	XRESET	I	-	RESET	RESET
12	(NC)	-	-		Connect VDD1 for Not used
13	(NC)	-	-		Open for Not used
14	GND	-	-	GND	GND
15	CF1	-	-	SERALOCK	Seramic resonator Connected terminal
16	CF2	-	-	SERALOCK	Seramic resonator Connected terminal
17	VDD	-	-	VDD	VDD
18	ST/TUNE	I	N	Analog Input	STEREO/TUNED Detection Input
19	KEY	I	N	Analog Input	KEY Input
20	HP DET	I	N	Port	Head Phone Detection
21	OP PROTECT	I	N	Port	Option (MD, DECK) Protect Detection Input
22	XEMR	I	N	Port	Signal of emergency generation from amplifier
23	3.3DET	I	N	Port	DVD 3.3Volt Detection Input
24	XRDY	O	N	Port	DVD Microcomputer Communication Ready output
25	DSTN	I	N	Analog Input	Destination Switch
26	ACPULSE	I	N	INT0 Port	AC Pulse Input
27	LT1	I	C	INT1 Port	DVD Microcomputer Communication Latch input
28	RDSCLK	I	C	INT2 Port	Clock Input from RDS Decoder (Without RDS : Low Output)
29	RMC	I	C	INT3 Port	Remote Control Signal Input
30	(NC)	O	P	VFD Controller	Prohibition of use only for VFD
31	(NC)	O	P	VFD Controller	Prohibition of use only for VFD
32	(NC)	O	P	VFD Controller	Prohibition of use only for VFD
33	(NC)	O	P	VFD Controller	Prohibition of use only for VFD
34	(NC)	O	P	VFD Controller	Prohibition of use only for VFD
35	(NC)	O	P	VFD Controller	Prohibition of use only for VFD
36	(NC)	O	P	VFD Controller	Prohibition of use only for VFD
37	(NC)	O	P	VFD Controller	Prohibition of use only for VFD
38	(NC)	O	P	VFD Controller	Prohibition of use only for VFD
39	(NC)	O	P	Port	Not used
40	(NC)	O	P	Port	Not used
41	(NC)	O	P	Port	Not used
42	(NC)	O	P	Port	Not used
43	(NC)	O	P	Port	Not used
44	(NC)	O	P	Port	Not used
45	(NC)	O	P	Port	Not used
46	VDD	-	-	VDD	VDD
47	(NC)	O	P	Port	Not used
48	(NC)	O	P	Port	Not used
49	(NC)	O	P	Port	Not used
50	(NC)	O	P	Port	Not used

IC INFORMATION		PDC080A		2/2	E
Function	System Control IC				
Type	C MOS	Model	XV-DV77		

No.	Pin Name	I/O	MOS	Function	Pin Function
51	GND	-	-		
52	DIR DI	I	P	Port	Data Input from DIR
53	XDIR RST	O	P	Port	DIR Reset
54	DVD ON/OFF	O	P	Port	DVD Power Control
55	XDSP RST	O	P	Port	YSS912 Reset
56	XTMRLED	O	P	Port	Timer Standby Display LED Control
57	WCLK	I	P	Port	For Flash Rewrite
58	FAN DET	I	P	Port	FUN Detection L : OK H : NG (Power off)
59	XCDC RST	O	P	Port	CODEC Reset
60	OP PWR	O	P	Port	Option (MD, DECK) Power ON/OFF
61	XSTBYLED	O	P	Port	Standby Display LED Control
62	FLDIMA	O	P	Port	FL Dimmer Control A
63	FLDIMB	O	P	Port	FL Dimmer Control B
64	CDRD	I	P	Port	Communication for CDR : Send information from CDR to DVD
65	TXDO	I	P	Port	Data Input from FM/AM Tuner module
66	RDS DATA	I	P	Port	Data Input from RDS Decoder
67	TEST	I	P	Port	Test Mode Detection Jumper
68	UTEST	I	P	Port	Unit Test Mode Detection Jumper
69	SERVICE	I	P	Port	Service Mode Detection Jumper
70	POWER	O	P	Port	System Power Supply Control
71	DIR ERR	I	P	Port	ERR Input from DIR
72	VDD	-	-	VDD	VDD
73	SBDI	O	P	Port	System Bus Received Data
74	MASD	O	P	Port	Communication for CDR : Send information from DVD to CDR
75	XDSP MUTE	O	P	Port	DSP Mute (ASSY Mute)
76	ASSELA	O	P	Port	Audio source select A
77	ASSELB	O	P	Port	Audio source select B
78	XLINE MUTE	O	P	Port	System Audio Mute
79	MAIN VOL CS	O	P	Port	Main Volume Chip Select
80	HP VOL CE	O	P	Port	Head Phone Volume CE
81	XCDC CS	O	P	Port	Codec Chip Select
82	DIR CE	O	P	Port	DIR CE
83	HP VOL DATA	O	P	Port	Head Phone Volume Data
84	HP VOL CK	O	P	Port	Head Phone Volume Clock
85	XDVD RST	O	C	Port	DVD Reset
86	EX/V DATA	O	C	Port	Expander/Volume Data
87	EX/V CLK	O	C	Port	Expander/Volume Clock
88	EXCE	O	C	Port	Expander CE
89	GND	-	-	GND	GND
90	VDD	-	-	VDD	VDD
91	FL DATA	O	C	Port	FL Driver Control Data, Using combinedly with WD0 for Flash Rewrite
92	FL CK	O	C	Port	FL Driver Control Clock
93	SBDO/REQ	O	C	Port	System Bus Sending Data/Request, Using combinedly with WEN/D1 for Flash Rewrite
94	SBCLK	O	C	Port	System Bus Clock
95	DREQ	O	C	Port	Display Data Communication Request
96	DDATA	I	C	Hard Serial	Display Data Communication Received Data
97	DCLK	I	C	Hard Serial	Display Data Communication Clock
98	SSI	O	C	Hard Serial	DVD Microcomputer Communication Data output (AMP side output)
99	SSO	I	C	Hard Serial	DVD Microcomputer Communication Data input (AMP side input)
100	SSCK	O	C	Hard Serial	DVD Microcomputer Communication Clock output