

IC INFORMATION		PDC082A		
Function	System Control IC	Model	XR-VS400	1/2
Type	C MOS			E

●Pin Function

No.	Pin Name	I/O	Function
1	CD RS/VCD RS/REC MUTE	O	VIDEO CD Microcomputer Reset
2	CD SE CLK/VCD NRED	O	CD decoder SENS data
3	CD SENS/XDVD RS	O	Not used
4	CD LAT/KEYCON STB	O	Not used
5	CD DCLK	O	Not used
6	CD DATA/XRDY1	O	Not used
7	Jog LED (Audio/Video)	O	Audio/Visual mode LED output
8	TIMER LED	O	TIMER LED output
9	RY ON/OFF	O	RELAY ON/OFF
10	BLUE LED	O	BLUE LED output
11	XRESET	I	CPU reset input
12	VOL JOG	I	Volume JOG input
13	MORP JOG	I	Sound morphing JOG input
14	VSS	–	Ground
15	CF1	I	
16	CF2	O	
17	VDD	–	Power supply
18	KEY1	I	Key input 1 (A/D)
19	KEY2		Key input 2 (A/D)
20	KEY3		Key input 3 (A/D)
21	MS	I	Deck MS input
22	(ST/TUNE)	I	Tuner STEREO/TUNE input
23	SPE-IN	I	Spectrum analyzer signal input
24	N.C.	O	Not used
25	CD MUTE	O	Not used
26	AC	I	AC pulse interrupt input
27	SCOR/VCS	I	VCD communication interrupt input
28	RDS/CLK	I	Tuner RDS clock interrupt input
29	REMOCON	I	Remote control interrupt input
30	G1	O	Grid1 output
31	G2		Grid2 output
32	G3		Grid3 output
33	G4		Grid4 output
34	G5		Grid5 output
35	G6		Grid6 output
36	G7		Grid7 output
37	G8		Grid8 output
38	G9		Grid9 output
39	G10		Grid10 output
40	G11		Grid11 output
41	G12		Grid12 output
42	G13		Grid13 output
43	G14		Grid14 output
44	G15		Grid15 output
45	S1		Segment 1 output
46	VDD	–	Power supply
47	S2/D5597	I/O	Segment 2 output/SW7 input
48	S3/D5596		Segment 3 output/SW6 input
49	S4/D5595		Segment 4 output/SW5 input
50	S5/D5594		Segment 5 output/SW4 input

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No.	Pin Name	I/O	Function
51	VFDP	–	
52	S6/D5593	I/O	Segment 6 output/SW3 input
53	S7/D5592		Segment 7 output/SW2 input
54	S8/D5591		Segment 8 output/SW1 input
55	S9	O	Segment 9 output
56	S10/CLAMP (I/O)	I/O	Segment 10 output
57	S11/OPEN (I/O)		Segment 11 output
58	S12/INSIDE (I/O)		Segment 12 output
59	S13/CDISC123 (I/O)		Segment 13 output
60	S14/BBF		Segment 14 output/DECK ARF SW input
61	S15/BBR		Segment 15 output/DECK ARR SW input
62	S16/MODE1		Segment 16 output/DECK MODE SW1 input
63	S17/MODE2		Segment 17 output/DECK MODE SW2 input
64	S18/HALF1		Segment 18 output/DECK HALF SW1 input
65	S19/HALF2		Segment 19 output/DECK HALF SW2 input
66	S20/CrO2_1		Segment 20 output/DECK CrO2 SW1 input
67	S21/CrO2_2		Segment 21 output/DECK CrO2 SW2 input
68	S22	O	Segment 22 output
69	S23		Segment 23 output
70	S24		Segment 24 output
71	RDSDATA	I	PULL-UP or PULL-DOWN (Not used)
72	VDD	–	Power supply
73	SOL1	O	DECK solenoid output 1
74	SOL2		DECK solenoid output 2
75	MOTOR	O	DECK motor output
76	CD LOAD IN	O	Not used
77	CD LOAD OUT	O	Not used
78	LED DISC2	O	DISC 2 LED output
79	LED DISC3		DISC 3 LED output
80	LED DISC1		DISC 1 LED output
81	REEL2	I	DECK reel pulse input 2
82	REEL1		DECK reel pulse input 1
83	N.C.	–	Not used
84	RDS (ON/OFF)/VCD (ON/OFF)	O	VCD Power ON/OFF (pull-down)
85	PLL CE	O	Chip enable output of Tuner PLL
86	EVOL CE	O	Chip enable output of electronic volume IC
87	POWER	O	Power output
88	LINE MUTE	O	Line mute output
89	VSS	–	Ground
90	VDD	–	Power supply
91	EXP CLK	O	Clock output for EXP IC (BU2092, BU4094, M65847AFP)
92	EXP DATA	O	Data output for EXP IC (BU2092, BU4094, M65847AFP)
93	EXP CE	O	Chip enable output of EXP IC (BU4094BCF)
94	SCAN ON	O	Outputs for SW reading
95	CD SHUT/VDS	O	The communication data output with CD microcomputer
96	SQSO/VDV	I	The communication data input with CD microcomputer
97	SQCK/VCLK/SSCK	O	The communication clock with CD microcomputer
98	SYSDATA	O	Data output of the Tuner PLL data/electronic volume IC
99	TXDATA	I	Tuner data input
100	SYSCLK	O	Clock output of the Tuner PLL data/electronic volume IC