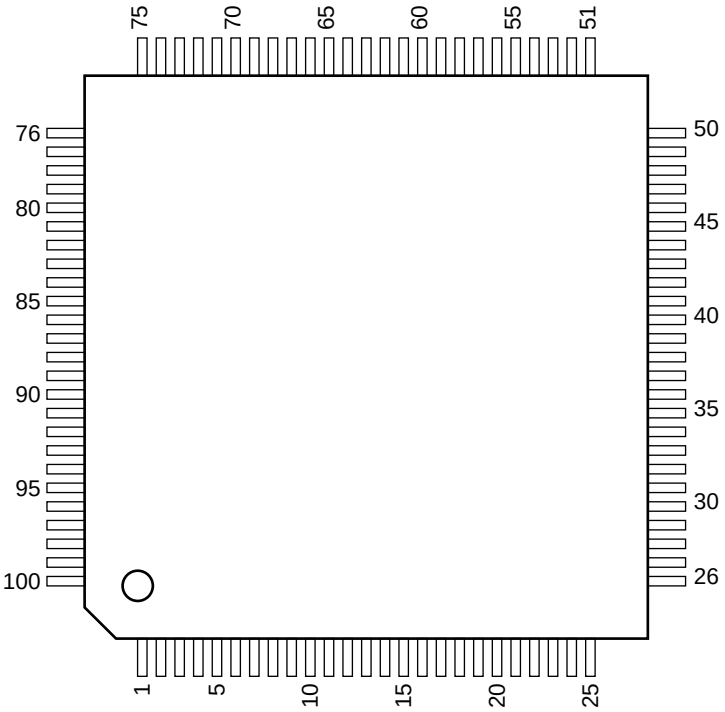
AUDIO TIMING GENERATOR AND MULTIPLEXER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	CONF DONE	26	I	RESERVED	51	—	IC	76	O	ADD1
2	—	GND	27	O	24 MHz	52	—	GND	77	—	IC
3	—	IC	28	—	IC	53	—	GND	78	O	ADD0
4	I	DATA1	29	—	IC	54	—	IC	79	—	IC
5	I	DATA0	30	—	GND	55	O	ADD15	80	—	GND
6	—	Vcc	31	O	CNT2048	56	—	Vcc	81	—	IC
7	I	EXTCMD11	32	—	IC	57	O	ADD14	82	O	DA LRCK
8	I	BIDT	33	—	IC	58	O	ADD13	83	—	IC
9	O	AD LRCK	34	—	TEST	59	O	ADD12	84	O	DT
10	I	24 MHz	35	—	IC	60	O	ADD11	85	—	IC
11	I	AD2DT	36	—	IC	61	O	ADD10	86	—	IC
12	I	AD1DT	37	—	Vcc	62	O	ADD9	87	—	Vcc
13	—	GND	38	O	DEC DATA1	63	—	GND	88	—	IC
14	O	BCK	39	—	IC	64	O	ADD8	89	—	IC
15	I	DA2DT	40	—	IC	65	O	ADD7	90	I	DATA7
16	I	EXTCMD2	41	—	IC	66	O	ADD6	91	I	DATA6
17	I	EXTCMD1	42	—	IC	67	O	ADD5	92	I	DATA5
18	O	DA1DT	43	O	ENC DATA	68	O	ADD4	93	—	IC
19	O	RX LRCK	44	—	GND	69	O	ADD3	94	—	GND
20	—	Vcc	45	—	IC	70	—	Vcc	95	I	DATA4
21	O	DA2DT	46	O	AD1DT	71	O	ADD2	96	I	DA1DT
22	O	DEC DATA	47	—	IC	72	O	LRCK	97	I	DATA3
23	—	GND	48	—	IC	73	—	GND	98	O	AD2DT
24	—	Vcc	49	—	IC	74	—	GND	99	I	DATA2
25	I	CONFIG	50	—	GND	75	—	Vcc	100	—	IC

INPUTS

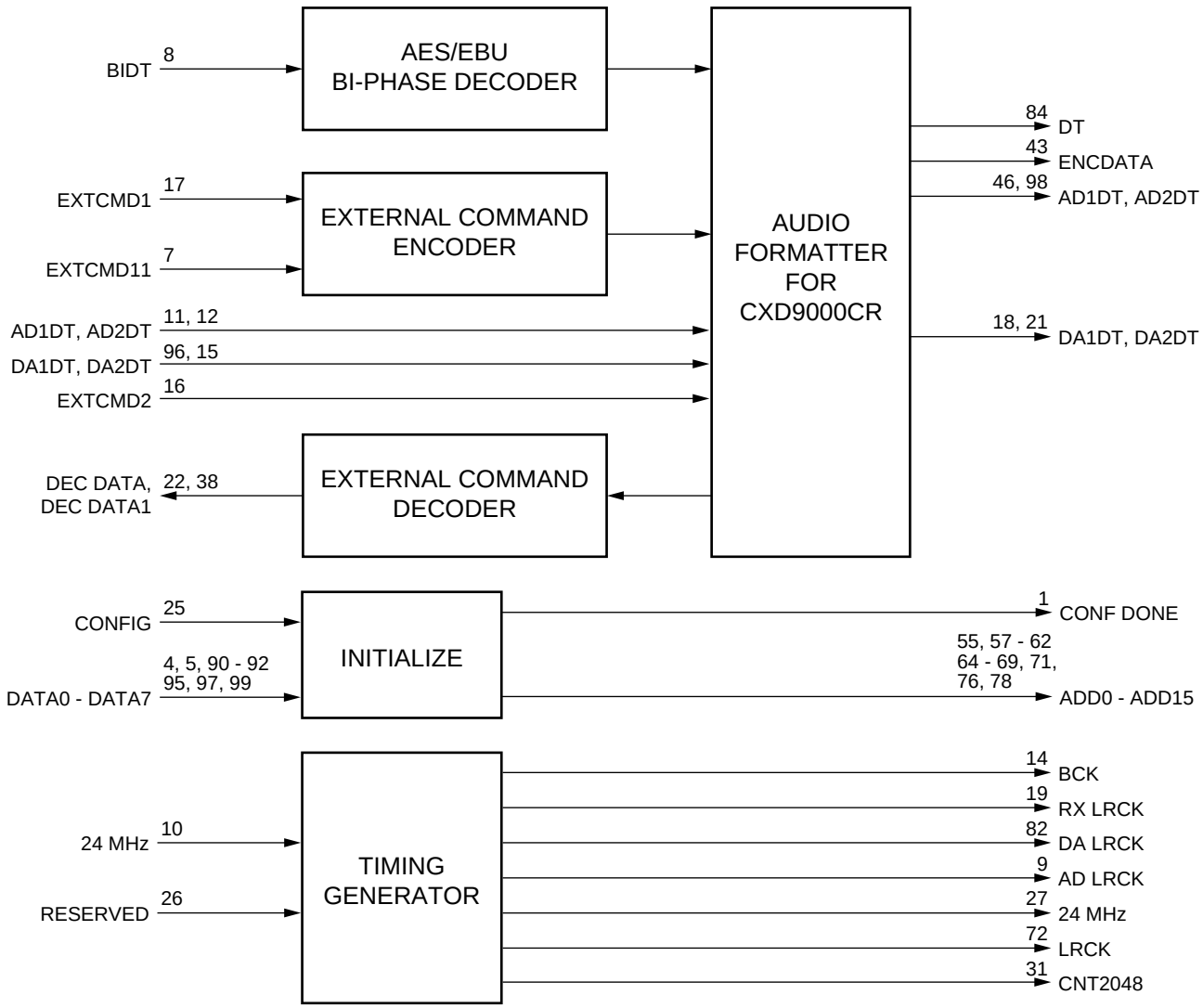
24 MHz	:	24 MHz CLOCK
AD1DT, AD2DT	:	A/D CONVERTER DATA 1, 2
BIDT	:	AES/EBU DATA
CONFIG	:	PLD INITIALIZING TRIGGER
DA1DT, DA2DT	:	AUDIO 5/6-CH, 7/8-CH DATA
DATA0 - DATA7	:	PLD INITIALIZING DATA
EXTCMD1, EXTCMD11	:	EXTERNAL COMMAND 1, 2
EXTCMD2	:	AUDIO 3/4-CH DATA
RESERVED	:	SPARE

OUTPUTS

24 MHz	:	24 MHz CLOCK
AD LRCK	:	SAMPLING CLOCK FOR A/D CONVERTER
AD1DT, AD2DT	:	AUDIO 5/6-CH, 7/8-CH DATA
ADD0 - ADD15	:	PLD INITIALIZING ADDRESS
BCK	:	BIT CLOCK
CNT2048	:	CLOCK FOR PLL
CONF DONE	:	PLD INITIALIZING END FLAG
DA LRCK	:	SAMPLING CLOCK FOR D/A CONVERTER
DA1DT, DA2DT	:	D/A CONVERTER DATA 1, 2
DEC DATA, DEC DATA1	:	EXTERNAL COMMAND 1, 2
DT	:	AUDIO 1/2-CH DATA
ENC DATA	:	AUDIO 3/4-CH DATA
LRCK	:	SAMPLING CLOCK FOR TRANSMISSION
RX LRCK	:	SAMPLING CLOCK FOR RECEIVING

OTHER

IC	:	INTERNAL CONNECTION
TEST	:	TEST


BIDT
8
AES/EBU
BI-PHASE DECODER
EXTCMD1
17
EXTCMD11
7
EXTERNAL COMMAND
ENCODER
AD1DT, AD2DT
11, 12
DA1DT, DA2DT
96, 15
EXTCMD2
16
AUDIO
FORMATTER
FOR
CXD9000CR
DEC DATA,
DEC DATA1
22, 38
EXTERNAL COMMAND
DECODER
84
DT
43
ENCDATA
46, 98
AD1DT, AD2DT
18, 21
DA1DT, DA2DT
CONFIG
25
DATA0 - DATA7
4, 5, 90 - 92
95, 97, 99
INITIALIZE
1
CONF DONE
55, 57 - 62
64 - 69, 71,
76, 78
ADD0 - ADD15
24 MHz
10
RESERVED
26
TIMING
GENERATOR
14
BCK
19
RX LRCK
82
DA LRCK
9
AD LRCK
27
24 MHz
72
LRCK
31
CNT2048