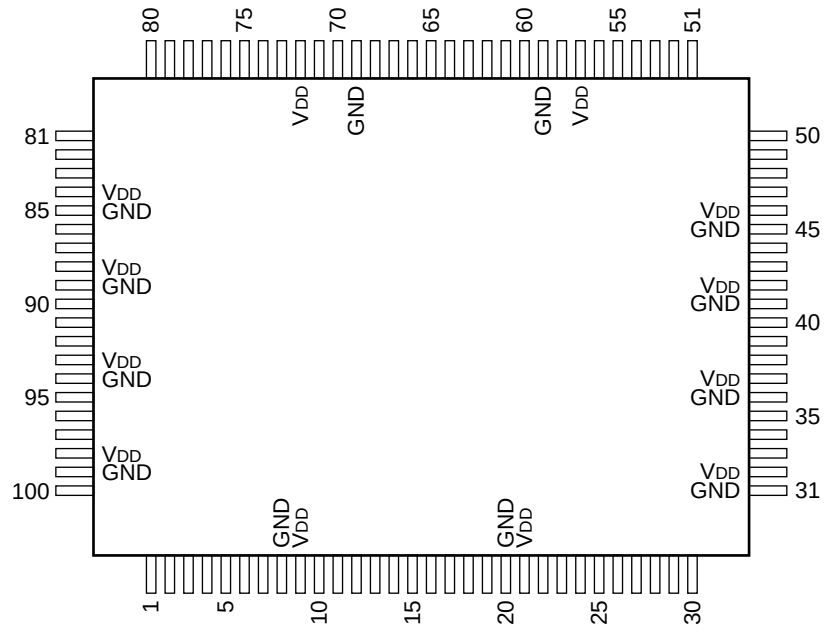


C-MOS VITERBI DECODER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	SYNCH	26	I	BERT12	51	I	PPNCMAP	76	O	TEST02
2	O	SYNCEG	27	I	BERT13	52	O	TEST10	77	O	TEST03
3	I	BERT0	28	I	SDA	53	O	TEST11	78	O	TEST04
4	I	BERT1	29	I	SCL	54	O	TEST12	79	O	TEST05
5	I	BERT2	30	I	SADDR	55	O	TEST13	80	O	TEST06
6	O	CLKOUT	31	—	GND	56	O	TEST14	81	O	RO0
7	O	VDTOUT	32	—	VDD	57	—	VDD	82	O	RO1
8	—	GND	33	O	SDAOUT	58	O	TEST15	83	O	RO2
9	—	VDD	34	I	BERT14	59	—	GND	84	—	VDD
10	I	BERT3	35	I	BERT15	60	I	QIN2	85	—	GND
11	I	BERT4	36	—	GND	61	I	QIN1	86	O	VSYNC
12	I	CONVIN	37	—	VDD	62	I	QIN0	87	I	TMODE3
13	O	IOUT	38	I	BERT16	63	O	TEST16	88	—	VDD
14	O	QOUT	39	I	BERT17	64	I	TMODE1	89	—	GND
15	I	BERT5	40	I	BERT18	65	O	NOR	90	I	SLFSYNC
16	I	BERT6	41	—	GND	66	I	IIN2	91	O	TEST20
17	I	BERT7	42	—	VDD	67	I	IIN1	92	O	TEST21
18	I	BERT8	43	I	BERT19	68	I	IIN0	93	—	VDD
19	I	BERT9	44	I	TMODE2	69	—	GND	94	—	GND
20	—	GND	45	—	GND	70	I	CLKIN	95	O	TEST22
21	—	VDD	46	—	VDD	71	I	RST	96	O	TEST23
22	I	BERT10	47	I	PRATE0	72	—	VDD	97	I	MSWIN
23	O	BER	48	I	PRATE1	73	O	TEST30	98	—	VDD
24	O	BEREND	49	I	PRATE2	74	O	TEST00	99	—	GND
25	I	BERT11	50	I	PDIFF	75	O	TEST01	100	I	SYNCSEL

INPUT

BERT0 - BERT19	: BIT ERROR MONITOR SETTING
CLKIN	: MASTER CLOCK
CONVIN	: ENCODE DATA
IIN0 - IIN2	: QPSK DEMODULATED DATA
MSWIN	: BIT ERROR MASK MODE SETTING
PDIFF	: DIFFERENTIAL MODE PRESET
PPNCMAP	: PUNCTURED MAP SELECTION PRESET
PRATE0 - PRATE2	: DATA RATE PRESET
QIN0 - QIN2	: QPSK DEMODULATED DATA
RST	: RESET
SADDR	: I ² C BUS LSB ADDRESS
SCL	: I ² C BUS CLOCK
SDA	: I ² C BUS DATA
SLFSYNC	: SELF SYNC SETTING
SYNCH	: PUNCTURED DECODE SYNC CONTROL PULSE
SYNCSEL	: SYNC MODE SETTING
TMODE1 - TMODE3	: TEST MODE SETTING

OUTPUT

BER	: BIT ERROR DETECTION FLAG
BEREND	: BIT ERROR MONITOR ENDING FLAG
CLKOUT	: CLOCK
IOUT	: ENCODE
NOR	: ACS NORMALIZE FLAG
QOUT	: ENCODE
RO0 - RO2	: DATA RATE MONITOR
SDAOUT	: I ² C BUS DATA
SYNCEG	: PUNCTURED INTERNAL DECODE SYNC PULSE
TEST00 - TEST06	: TEST
TEST10 - TEST16	: TEST
TEST20 - TEST23	: TEST
TEST30	: TEST
VDTOUT	: VITERBI DECODE DATA
VSYN	: PUNCTURED SYNC FLAG

