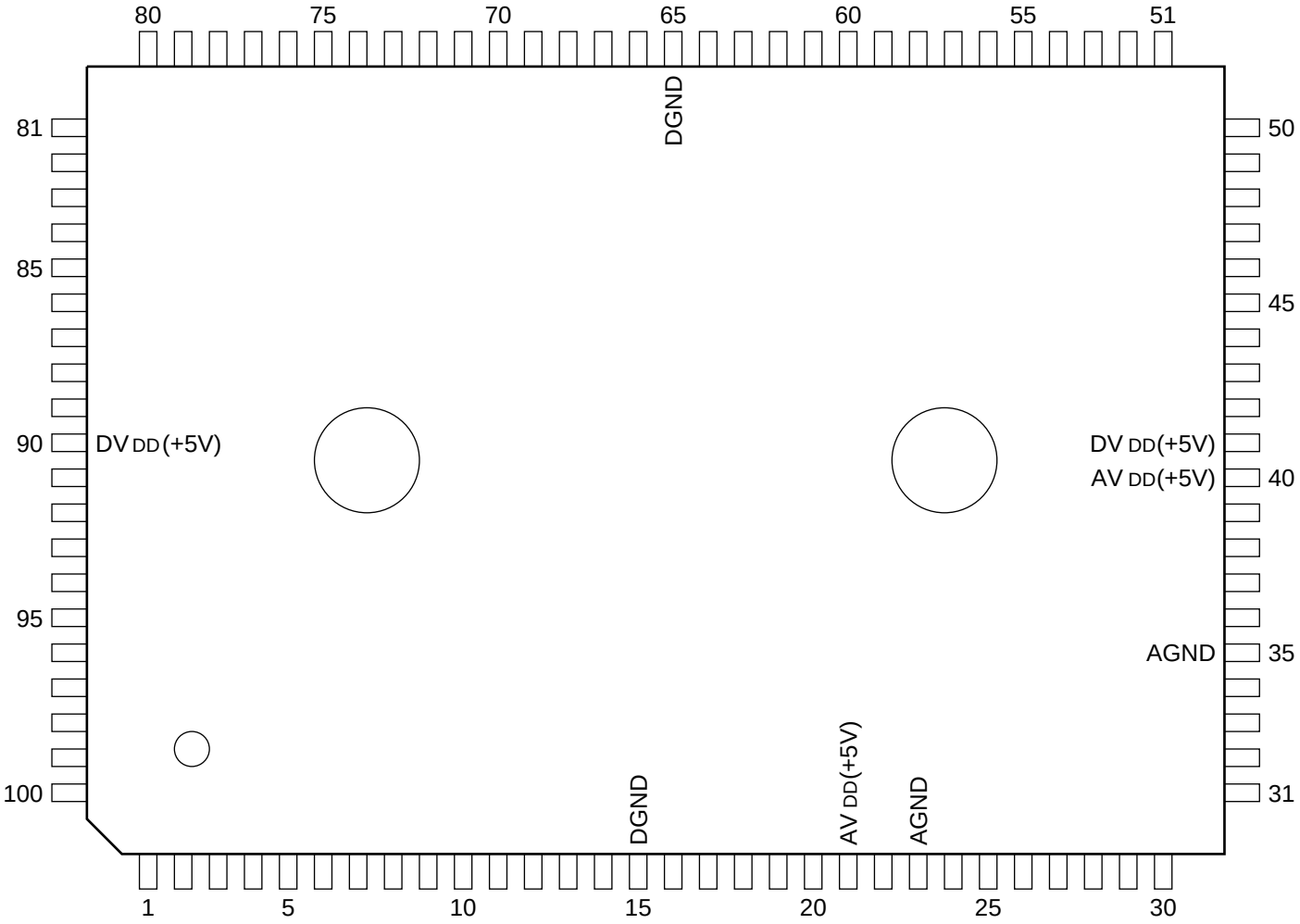
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IL08

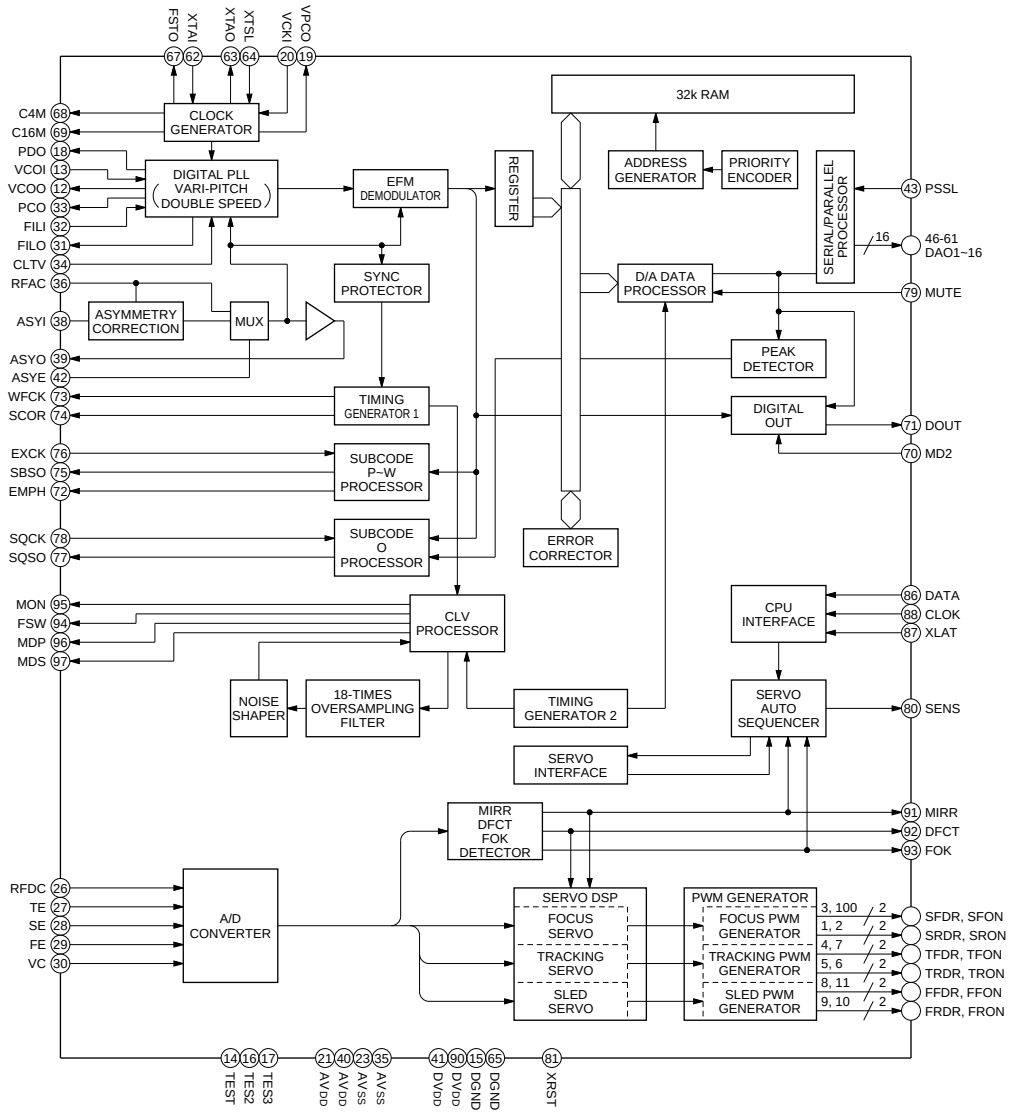
C-MOS CD DIGITAL PROCESSOR WITH SERVO

- TOP VIEW -



(AV_{DD}, DV_{DD} =+5V normal)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	SRON	26	I	RFDC	51	O	DA11	76	I	EXCK
2	O	SRDR	27	I	TE	52	O	DA10	77	O	SQSO
3	O	SFON	28	I	SE	53	O	DA09	78	I	SQCK
4	O	TFDR	29	I	FE	54	O	DA08	79	I	MUTE
5	O	TRON	30	I	VC	55	O	DA07	80	O	SENS
6	O	TRDR	31	O	FILO	56	O	DA06	81	I	XRST
7	O	TFON	32	I	FILI	57	O	DA05	82	I	DIRC
8	O	FFDR	33	O	PCO	58	O	DA04	83	I	SCLK
9	O	FRON	34	I	CLTV	59	O	DA03	84	I	DFSW
10	O	FRDR	35	–	AGND	60	O	DA02	85	I	ATSK
11	O	FFON	36	I	RFAC	61	O	DA01	86	I	DATA
12	O	VCOO	37	I	BIAS	62	I	XTAI	87	I	XLAT
13	I	VCOI	38	I	ASYI	63	O	XTAO	88	I	CLOK
14	I	TEST	39	O	ASYO	64	I	XTSL	89	O	COUT
15	–	DGND	40	–	AV_{DD}	65	–	DGND	90	–	DV_{DD}
16	I	TES2	41	–	DV_{DD}	66	I	FSTI	91	O	MIRR
17	I	TES3	42	I	ASYE	67	O	FSTO	92	O	DFCT
18	O	PDO	43	I	PSSL	68	O	C4M	93	O	FOK
19	O	VPCO	44	O	WDCK	69	O	C16M	94	O	FSW
20	I	VCKI	45	O	LRCK	70	I	MD2	95	O	MON
21	–	AV_{DD}	46	O	DA16	71	O	DOUT	96	O	MDP
22	I	IGEN	47	O	DA15	72	O	EMPH	97	O	MDS
23	–	AGND	48	O	DA14	73	O	WFCK	98	O	LOCK
24	I	ADII	49	O	DA13	74	O	SCOR	99	I	SSTP
25	O	ADIO	50	O	DA12	75	O	SBSO	100	O	SFDR


FSTO 67
XTAI 62
XTAO 63
XTSL 64
VCKI 20
VPCO 19
C4M 68
C16M 69
PDO 18
VCOI 13
VCOO 12
PCO 33
FILI 32
FILO 31
CLTV 34
RFAC 36
ASYI 38
ASYO 39
ASYE 42
WFCK 73
SCOR 74
EXCK 76
SBSO 75
EMPH 72
SQCK 78
SQSO 77
MON 95
FSW 94
MDP 96
MDS 97
RFDC 26
TE 27
SE 28
FE 29
VC 30
CLOCK GENERATOR
DIGITAL PLL VARI-PITCH (DOUBLE SPEED)
EFM DEMODULATOR
REGISTER
32k RAM
ADDRESS GENERATOR
PRIORITY ENCODER
SERIAL/PARALLEL PROCESSOR
43 PSSL
16
46-61 DAO1~16
SYNC PROTECTOR
D/A DATA PROCESSOR
79 MUTE
ASYMMETRY CORRECTION
MUX
PEAK DETECTOR
TIMING GENERATOR 1
DIGITAL OUT
71 DOUT
70 MD2
SUBCODE P~W PROCESSOR
SUBCODE Q PROCESSOR
ERROR CORRECTOR
CLV PROCESSOR
CPU INTERFACE
86 DATA
88 CLOK
87 XLAT
NOISE SHAPER
18-TIMES OVERSAMPLING FILTER
TIMING GENERATOR 2
SERVO AUTO SEQUENCER
80 SENS
SERVO INTERFACE
MIRR DFCT FOK DETECTOR
91 MIRR
92 DFCT
93 FOK
A/D CONVERTER
SERVO DSP
FOCUS SERVO
TRACKING SERVO
SLED SERVO
PWM GENERATOR
FOCUS PWM GENERATOR
TRACKING PWM GENERATOR
SLED PWM GENERATOR
3, 100
1, 2
4, 7
5, 6
8, 11
9, 10
2
SFDR, SFON
SRDR, SRON
TFDR, TFON
TRDR, TRON
FFDR, FFON
FRDR, FRON
14 TEST
16 TES2
17 TES3
21 AVDD
40 AVDD
23 AVSS
35 AVSS
41 DVDD
90 DVDD
15 DGND
65 DGND
81 XRST