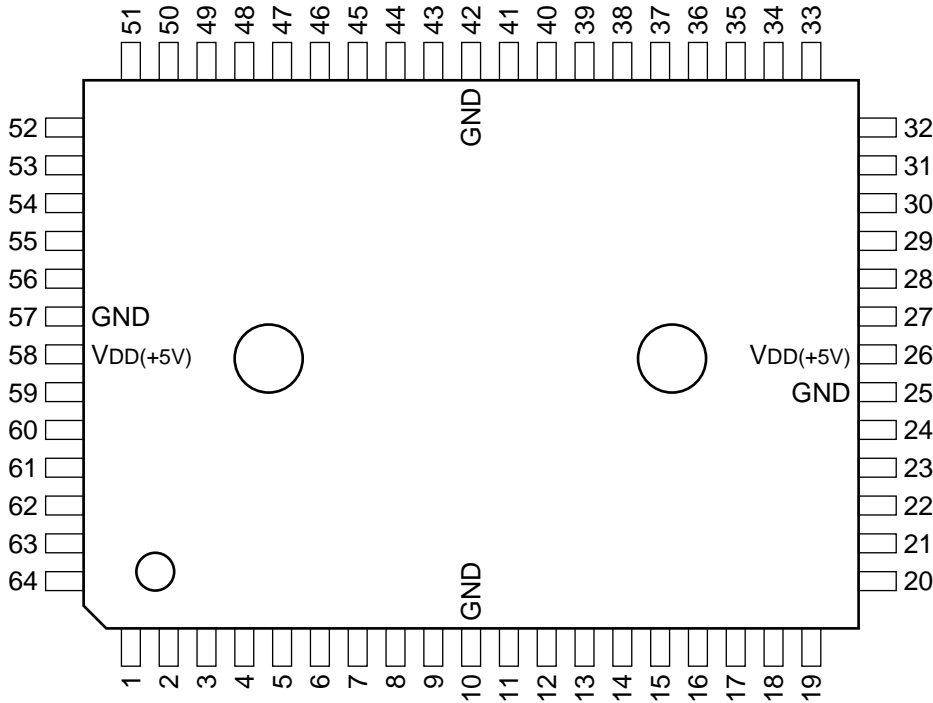


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**C-MOS DRAM ADDRESS GENERATOR**  
 -TOP VIEW-



(VDD = +5V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	RADD8	17	O	F2N	33	O	WADD8	49	O	WCAS1
2	O	RADD7	18	I	CK3DLY	34	O	WADD7	50	O	WCAS2
3	O	RADD6	19	I	CK3INV	35	O	WADD6	51	O	WCAS3
4	O	RADD5	20	I	CK3	36	O	WADD5	52	O	WCAS4
5	O	RADD4	21	I	INVFLD	37	O	WADD4	53	O	WSW
6	O	RADD3	22	I	ABSELY	38	O	WADD3	54	O	CK3O
7	O	RADD2	23	I	ABSELC	39	O	WADD2	55	O	ABSELOY
8	O	RADD1	24	I	CK2	40	O	WADD1	56	O	ABSELOC
9	O	RADD0	25	—	GND	41	O	WADD0	57	—	GND
10	—	GND	26	—	VDD	42	—	GND	58	—	VDD
11	O	RRASN	27	O	ROWOE	43	O	WRAS0	59	I	CK1
12	O	RCASN	28	O	PSHDTW	44	O	WRAS1	60	I	WCLRn
13	O	RSW	29	I	ROWTEST	45	O	WRAS2	61	I	RCLRn
14	I	FLOE	30	I	COLTEST	46	O	WRAS3	62	I	HDN
15	I	VDN	31	I	TWTESTW	47	O	WRAS4	63	I	PSHDNR
16	O	F1N	32	I	TWTESTR	48	O	WCAS0	64	I	PSHDNC

		RADD8	1
		RADD7	2
15	VDN	RADD6	3
		RADD5	4
62	HDN	RADD4	5
		RADD3	6
		RADD2	7
		RADD1	8
63	PSHDNR	RADD0	9
64	PSHDNC		
		WADD8	33
		WADD7	34
		WADD6	35
21	INVFLD	WADD5	36
		WADD4	37
		WADD3	38
14	FLOE	WADD2	39
		WADD1	40
		WADD0	41
22	ABSELY	WRAS4	47
23	ABSELC	WRAS3	46
		WRAS2	45
		WRAS1	44
60	WCLR N	WRAS0	43
61	RCLR N		
		WCAS4	52
		WCAS3	51
29	ROWTEST	WCAS2	50
30	COLTEST	WCAS1	49
		WCAS0	48
31	TWTESTW		
32	TWTESTR	RRASN	11
		RCASN	12
18	CK3DLY	WSW	53
19	CK3INV	RSW	13
59	CK1	F1N	16
24	CK2	F2N	17
20	CK3		
		ABSELOY	55
		ABSELOC	56
		ROWOE	27
		PSHDTW	28
		CK3O	54

**INPUT**

ABSELC	; ABSEL FOR C-IN
ABSELY	; ABSEL FOR Y-IN
CK1	; 27.0 MHz / 28.6 MHz
CK2	; 13.5 MHz / 14.3 MHz
CK3	; CK3 IN
CK3DLY	; CK3 DELAY
CK3INV	; CK3 INVERT
COLTEST	; COLUMN ADD TEST
FLOE	; FIELD ODD / EVEN
HDN	; H-SCAN SYNC
INVFLD	; ABSEL INVERT
PSHDNC	; V-SCAN SYNC
PSHDNR	; V-SCAN SYNC
RCLR N	; READ ADD CLEAR
ROWTEST	; ROW ADD TEST
TWTESTR	; READ ADD TEST
TWTESTW	; WRITE ADD TEST
VDN	; FIELD CLEAR
WCLR N	; WRITE ADD CLEAR

**OUTPUT**

ABSELOC	; ABSEL FOR C-OUT
ABSELOY	; ABSEL FOR Y-OUT
CK3O	; CK3 OUT
F1N	; FIELD1-LOW
F2N	; FIELD2-LOW
PSHDTW	; PSHDN ODD / EVEN
RADD0 - RADD8	; READ ADDRESS
RCASW	; READ ADDRESS-CAS
ROWOE	; ROW-ADD ODD / EVEN
RRASN	; READ ADDRESS-RAS
RSW	; READ ADD SWITCHING
WADD0 - WADD8	; WRITE ADDRESS
WCAS0 - WCAS4	; WRITE ADDRESS-CAS
WRAS0 - WRAS4	; WRITE ADDRESS-RAS
WSW	; WRITE ADD SWITCHNG

