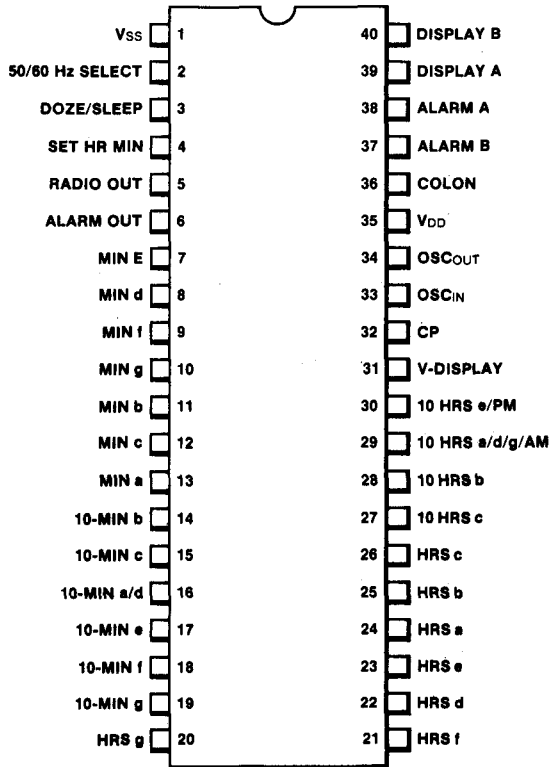


DIGITAL-MOS

S12  
FCM7010/FCM7015



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**MOS**

**RANDOM LOGIC FUNCTIONS (For Other MOS Circuits—See Fairchild Memories)**

Item	Function	DEVICE NO.	Temperature (1)	No. of Pins	Logic/Connection Diagram	Packages(s) (4)
1	TV Sync Generator	3262A	C	16	S1	6Z
2	TV Sync Generator with Generator Lock	3262B	C	16	S2	6Z
3	8-Channel Multiplex Switch	3708	C, L, M	16	S3	4A,6Z,8K 8U,9B
4	Digital Voltmeter	3814	C	24	S4	7M
5	5-Decade Counter	3815	C	24	S5	7M
6	Programmable Counter 3 thru 262,145	3816	C	16	S6	6Z,8K,9B
7	USART	F3843	C	28	S8	8E
8	Synchronous Protocol Communications Controller	F3846 (3)	C	40	—	—

**TIMEKEEPING CIRCUITS**

Item	DEVICE NO.	No. of Digits	Digit Drive	LED	LCD	Calendar	Backup Osc	Alarm	Timer	24 Hr Options	Radio Off/On	Voltage	Special Features	Logic/Connection Diagram	Package(s) (4)
9	FCM7001	6	Mux	Yes	Yes	Yes	Yes	Yes	9:59	Yes	Yes	10-17	Use for very large digits; high drive circuit.	S9	
10	FCM7002	6	Mux	—	—	Yes	Yes	Yes	9:59	Yes	Yes	10-17	BCD outputs	S10	
11	FCM7003	6	Mux	Yes	Yes	Yes	Yes	Yes	9:59	Yes	Yes	10-17	Direct drive for gas discharge	S11	
12	FCM7004	6	Mux	Yes	Yes	Yes	Yes	Yes	9:59	Yes	Yes	10-17	7001 w/European calendar format	S9	
13	FCM7010	4	Dir	Yes	Yes	Yes	Yes	Yes	2:50	Yes	Yes	7.0-17	12 mA direct drive, pulsing colon	S12	
14	FCM7015	4	Dir	Yes	Yes	Yes	Yes	Yes	2:50	Yes	Yes	7.0-17	12 mA direct static drive, colon, slew set	S12	
15	FCM7030 (2)	4	Dir	Yes	Yes	No	No	Yes	:59	Yes	Yes	8.0-18	Seconds on command, 15 mA drive	S13	
16	FCM7040	4	Dup	Yes	No	No	Yes	Yes	99:59	Yes	Yes	7.0-11	Key BD entry appliance control	S14	

1. C = Commercial temperature range; L = Limited military temperature range; M = Military temperature range.
2. Replaces FMC3817 for new designs
3. To be announced
4. Consult factory for package types.

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