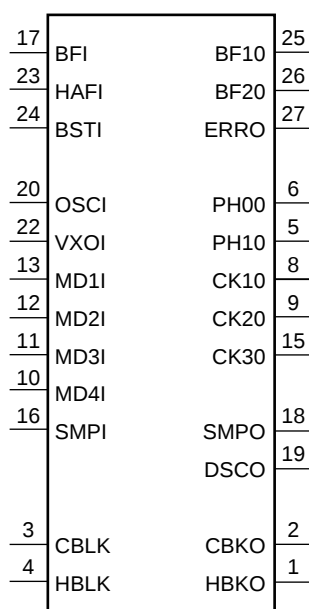
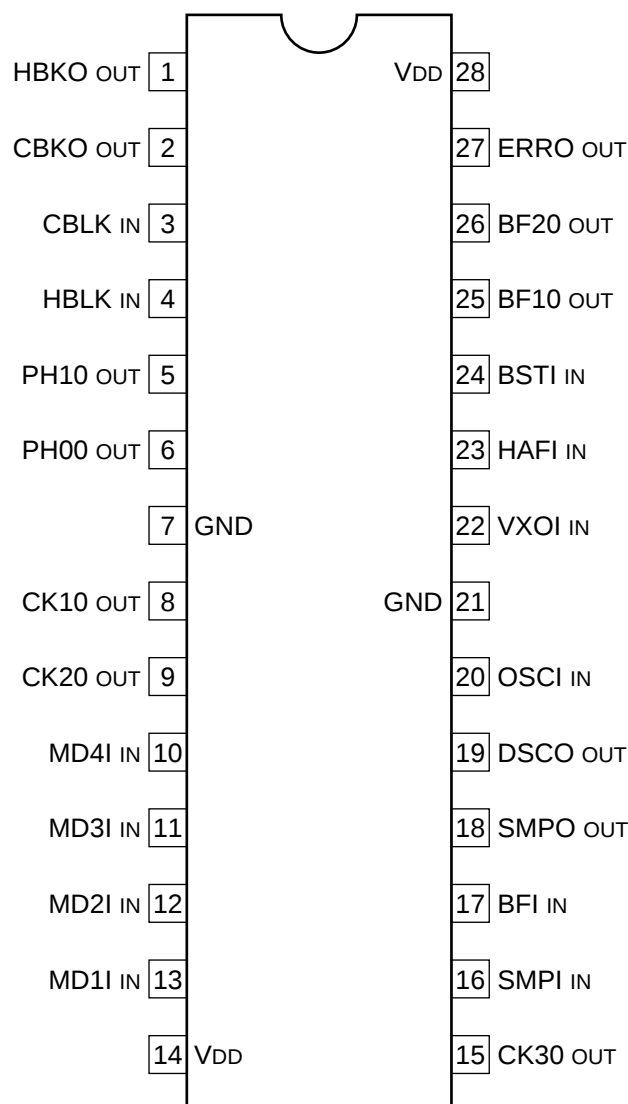


C-MOS DIGITAL YC SEPARATOR/DECODER/CTDM CLOCK GENERATOR

—TOP VIEW—



(*1) SYSTEM SELECT

MD1I	MD2I	MODE
0	0	PAL
0	1	SECAM
1	0	PAL-M
1	1	NTSC

(*2) SIGNAL FORMAT SELECT

MD3I	MD4I	MODE
0	0	COMPONENT
0	1	CTDM
1	0	COMPOSITE
1	1	S-VIDEO

0 ; LOW LEVEL

1 ; HIGH LEVEL

INPUT

BFI ; BURST FLAG
 BSTI ; BURST FOR PHASE COMPARISON
 CBLK ; CHROMA BLANKING PULSE
 HAFI ; TRIGGER PULSE FOR BURST SAMPLING
 HBLK ; H BLANKING PULSE
 MD1I, MD2I ; SYSTEM SELECT (*1)
 MD3I, MD4I ; SIGNAL FORMAT SELECT (*2)
 OSCI ; H LOCK LOOP VCO
 SMPI ; TRAPEZOID SAMPLING PULSE OF
 THE H LOCK LOOP
 VXOI ; BURST LOCK LOOP VCXO

OUTPUT

BF10, BF20 ; BURST FLAG
 CBKO ; CHROMA BLANKING PULSE
 CK10 - CK30 ; CLOCK, SELECTED BY MODE
 DSCO ; TRAPEZOID GENERATOR
 DISCHARGE PULSE
 ERRO ; BURST PHASE COMPARISON
 ERROR
 HBKO ; H BLANKING PULSE
 PH00 ; 2fsc
 PH10 ; fsc
 SMPO ; TRAPEZOID SAMPLING PULSE
 OF THE H LOCK LOOP

