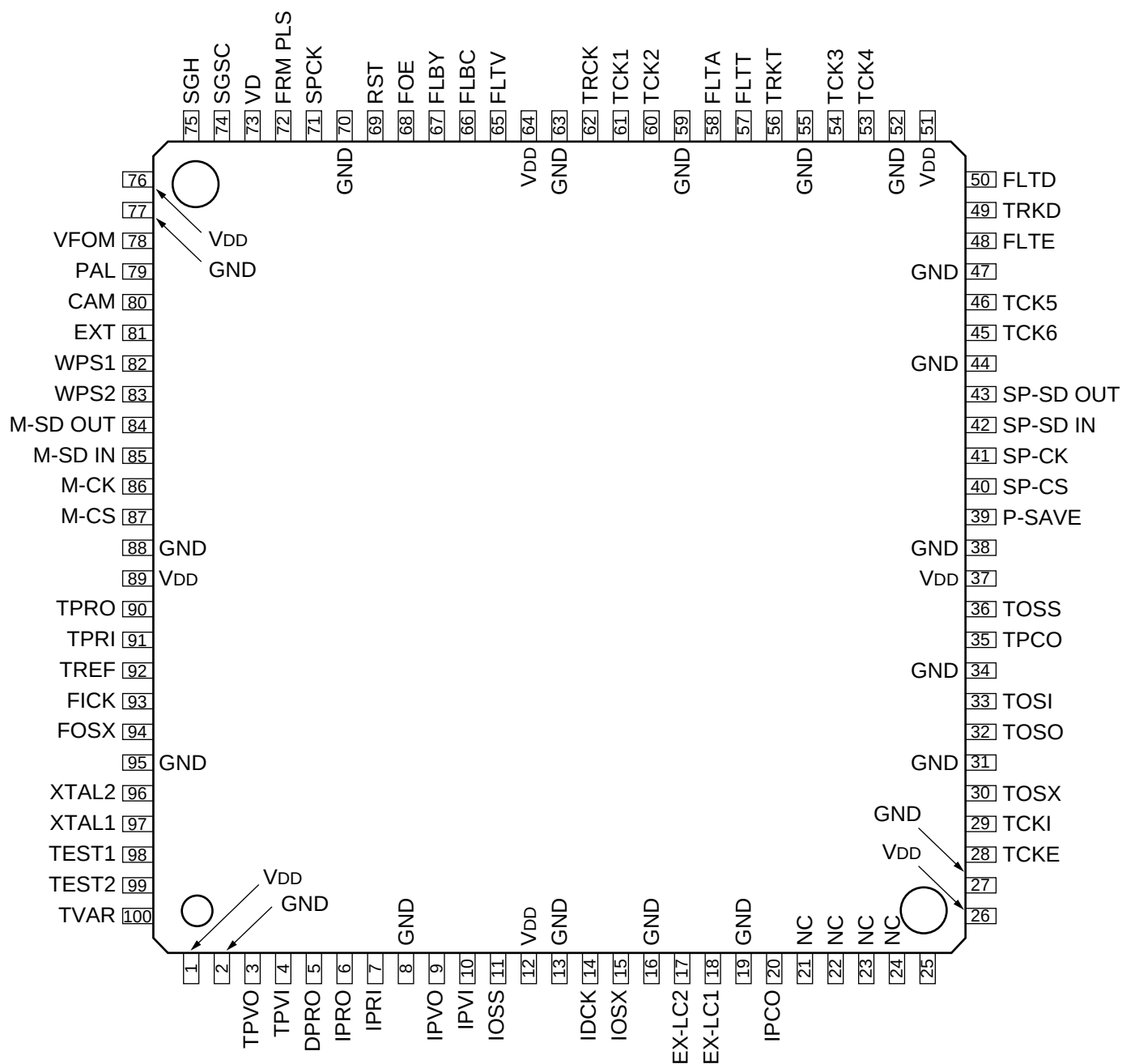


C-MOS CLOCK/TIMING GENERATOR

—TOP VIEW—



INPUT

EX-LC1	: EXTERNAL LC RESONATOR
FICK	: 13.5 MHz OSCILLATOR
FLTE	: REFERENCE FRAME PULSE FOR THE INDI MODE
FOE	: REFERENCE FRAME PULSE FOR THE LINE & CAMERA MODE
FRM PLS	: FRAME PULSE FOR THE AFC
IDCK	: FRAME LOCKED 13.5 MHz CLOCK
IOSS	: FRAME LOCKED 13.5 MHz DIRECT OR 1/2 SELECT
IPRI	: PILOT REFERENCE
IPVI	: PILOT REFERENCE FEEDBACK
M-CK	: DATA TRANSFER CLOCK
M-CS	: CHIP SELECT
M-SD IN	: SERIAL DATA
P-SAVE	: POWER SAVE
RST	: RESET
SPCK	: HORIZONTAL LOCKED CLOCK (13.5 kHz)
SP-CK	: DATA TRANSFER CLOCK
SP-CS	: CHIP SELECT
SP-SD IN	: SERIAL DATA
TCKE	: TRCK BUFFER FOR THE TCK5 & 6
TCKI	: TRCK BUFFER FOR THE TCK1 - 4
TOSI	: EXTERNAL LC RESONATOR
TOSS	: EXTERNAL LC RESONATOR DIRECT OR 1/2 SELECT
TPRI	: EXTERNAL PLL REFERENCE FOR THE TRCK PLL
TPVI	: TRCK PILOT FEEDBACK
TRCK	: TR CLOCK
VD	: VERTICAL PULSE FOR THE AFC
XTAL1	: 13.5MHz EXTERNAL CRYSTAL OSCILLATOR

OUTPUT

CAM	: STATUS (L = LINE, H = CAM)
DPRO	: DRUM REFERENCE PROTECTION
EX-LC2	: EXTERNAL LC RESONATOR
EXT	: STATUS (L = INT, H = EXT)
FLBC	: FRAME PULSE FOR THE BLK-C DATA IN PB MODE
FLBY	: FRAME PULSE FOR THE BLK-Y DATA IN PB MODE
FLTA	: FRAME PULSE FOR THE RECORDING AUDIO
FLTD	: FRAME PULSE FOR THE MECHANICAL & SPEED CONTROLLERS
FLTT	: FRAME PULSE FOR THE DESHUFFLE MEMORY
FLTV	: FRAME PULSE FOR THE BLK-MEMORY
FOSX	: EXTERNAL CRYSTAL OSCILLATOR BUFFERED OUTPUT
IPCO	: CHARGE PUMP OUTPUT FOR THE IDCK PLL
IOSX	: IDCK PLL OSCILLATOR
IPRO	: PILOT REFERENCE SIGNAL FOR THE IDCK PLL
IPVO	: PILOT FEEDBACK SIGNAL
M-SD OUT	: SERIAL DATA FOR THE MODE CONTROLLER
PAL	: STATUS (L = NTSC, H = PAL)
SGH	: JSG HORIZONTAL PULSE IN PLAYBACK MODE
SGSC	: JSG ODD/EVEN IN PLAYBACK MODE
SP-SD OUT	: SERIAL DATA FOR THE SPEED CONTROLLER
TCK1 - TCK6	: TRCK CLOCK BUFFERS
TOSO	: EXTERNAL LC RESONATOR FOR THE TRCK PLL
TOSX	: TRCK PLL OSCILLATOR
TPCO	: CHARGE PUMP FOR THE TRCK PLL
TPVO	: PILOT FEEDBACK SIGNAL FOR THE TRCK PLL
TPRO	: EXTERNAL PLL REFERENCE SIGNAL FOR THE TRCK PLL
TREF	: REFERENCE PULSE FOR THE FRAME PLL
TRKD	: TRACK PULSE FOR THE MECHANICAL & SPEED CONTROLLERS
TRKT	: TRACK PULSE FOR THE DESHUFFLE MEMORY
TVAR	: FRAME PLL FEEDBACK PULSE (FOR OPERATION CHECK)
VFOM	: STATUS
WPS1	: STATUS
WPS2	: STATUS
XTAL2	: 13.5 MHz EXTERNAL CRYSTAL OSCILLATOR