

HSEL 1 0

PPs,HBLKs 392 456
FPt 431 479
Scs 432 480
AVS, AVE: Active Video Start/End Blanking: Blank video signal AV = AVE-AVS+1

SCS 432 480
CNTe 447 511
FPS, FPE: Front Porch Start/End Sync: Synchronizing video signal FP: Front Porch, FP = FPE-FPS+1

SCe 79 31
CNTs 64 0
BPS, BPE: Back Porch Start/End FP: Front Porch, FP = FPE-FPS+1

BPs, 80 32
SCS, SCE: Horizontal/Vertical Counter Start/Stop
BPs,HBLKe 135 71
AVe 136 72
AVe 391 455

Total pixels 384 512
Active pixels 256 384
Blank pixels 128 128
Front Porch 40 24
Sync; Sync 16 32
Sync; 16 32
Sync; 16 32
Sync; 16 32
Sync; 2 64
Back Porch 56 40

H/VCNT H/V[8:0]

AVE FPS

FPE SCS

CNTE CNTS

CNTE CNTS

CNTE CNTS

Active video signal, AV = AVE-AVS+1
Blanking: Blanking: Blank video signal Sync: Sync Sync: Sync Sync: Sync: Active video signal, AV = AVE-AVS+1
Blanking: Blanking: Blanking: Blanking: Blanking: Blanking: Blanking: Blanking

Active Division Sync: S

Total pixels: 512 Active pixels: 384 Blanked pixels: 128 Pixel clock: 8Mhz Hsync frequency: 15.625kHz Vertical lines: 272 Blanked lines: 32 Vsync frequency: 57.44485Hz

Total lines 260 272
Active lines 238 240
Blank lines 36 32
Front Porch 2 12
Sync₁ 2 4
Sync₂ 2 4
Sync₂ 4 8
Back Porch 16 12