**Idea 1!**

**DIGIKEY**

# SIT2001BC-S3-33N-53.693182 $1.91AUD / 15 = 3.579545466666667 (15 internal division by console)

# SIT2024BI-S3-33N-53.693175 $3.10AUD

# /15 = 3.579545 (15 internal division by console for NTSC Sub.C)

# No PAL Freq exists in this part, *BUT* SiT2001BC-S2-33N-26.601712 $2.43AUD \* 2 = 53.203424 / 12 = 4.433618666666667 (12 internal division by console for PAL Sub.C) NB3N3020DTG Clock Multiplier $17.15AUD *BUDGET BLOWN*

**GPU/ Sub-Carrier Clocks as per factory  
  
NTSC: 53.693175 / 3.579545 MHz**

**PAL: 53.203425/ 4.433618 MHz**

# Idea2! FOR PAL MAX31180AUA+

# Paired with 100pcs 26.601712MHz Crystal Resonator Quartz Oscillator Passive HC-49S $10 to $15 for 100! FOR NTSC SIT2001BC-S3-33N-53.693182 (not worth paying extra, this is close enough) For Switching: SN74HCS266-Q