



This is a Serial VGA module. Max speed: ~1 MHz  
 It is interfaced with the VCLK and VDAT lines.  
 You shift in CLEAR, then 15 address values  
 and 8 data values. CLEAR must always be HIGH  
 in order to write. The resolution is ~80x60 chars.  
 There are 16 soft-switchable banks available.  
 Also added was the PS/2 Keyboard and Mouse support,  
 but this is only a 'breakout board' for the  
 connector. There is no logic incorporated.  
 Lastly, there is 1-Voice Square Wave Audio support.  
 The user must oscillate the line themselves, but  
 the hardware side and 3.5mm Jack are now on-board.

Suggested Connections to a 6522 VIA:  
 VCLK - PA0  
 VDAT - PA1  
 AUD - PB7  
 KCLK - CA1  
 KDAT - PA7  
 MCLK - CA2  
 MDAT - PA6  
 B0 - PA2  
 B1 - PA3  
 B2 - PA4  
 B3 - PA5