

AverLogic Video FIFO Selection Guide

FIFO Usage		Frame Buffer		
Bus Width		8-bit	8-bit	16-bit
Density	128M			AL460A-PBF
	4M		AL440B-12-PBF & AL440B-24-PBF	
	3M	AL422B-PBF		
Key Features	Max. Speed	50Mhz	80Mhz/ 40Mhz	150Mhz
		20ns	12ns/ 24ns	6ns
Width Expansion		√	√	√
Input Enable			√	√
Output Enable		√	√	√
Window Mode Access			√	
Polarity Select			√	√
Double buffering				√
Power Supply		3.3V or 5V	3.3V	2.5 & 3.3V
5V input tolerant		√	√	√
Package		28-SOP	44-TSOP(II)	128-LQFP