

FPGA firmware from OberonSystem.com targeting various FPGAs. (ISE 14.6.)
 Compiled by WS on Oct/18/2014.

#		Family	BRAM kB ²⁾	Capacity Slices	Occupied Slices	Used %	Speed MHz ³⁾	Wpack	Board ⁵⁾
1	XC3S200 ¹⁾	Spartan-3	24	1,920	1,832	95.4%	37.3	Y	S3 Starter
2	XC3S1000	Spartan-3	48	7,680	2,119	27.6%	37.3	Y	
3	XC6SLX4	Spartan-6	24	600	no fit	no fit	n/a	Y	
4	XC6SLX9	Spartan-6	64	1,430	836	58.5%	55.7	Y	Papilio, Pipistrello
5	XC6SLX25	Spartan-6	104	3,758	831	22.1%	55.7	Y	Pipistrello
6	XC6SLX45	Spartan-6	232	6,822	866	12.7%	55.7	Y	Pipistrello
7	XC6SLX75	Spartan-6	344	11,662	861	7.4%	55.7	Y	
8	XC6SLX100	Spartan-6	536	15,822	884	5.6%	55.7	N	
9	XC6SLX150	Spartan-6	536	23,038	840	3.6%	55.7	N	
10	XC7A35T	Artix-7	200	5,200	1,096	21.1%	92.2	⁴⁾	
11	XC7A50T	Artix-7	300	8,150	1,096	13.4%	92.2	⁴⁾	
12	XC7A75T	Artix-7	420	11,800	1,096	9.3%	92.2	⁴⁾	
13	XC7A100T	Artix-7	540	15,850	1,096	6.9%	92.2	Y	Nexys-4
14	XC7A200T	Artix-7	1,460	33,650	1,024	3.0%	92.2	Y	

- 1) Spartan-3 XC3S200 was used to develop and run the firmware.
- 2) Usable BRAM = data sheet BRAM in kbits / 9, because parity bits are not useful.
- 3) Nominal max speed in the highest speed grade from the synthesis report.
- 4) Though expected to be WebPack parts, Artix-7 35T, 50T, and 75T are not on a part list in ISE 14.6. Their performance was estimated.
- 5) There are many more boards than listed here. The listed ones are just examples..