



Standard Solutions for Xilinx Virtex IV, V and VI

Package Pin #	Package Size (mm)	Estimated Thickness (mm)	Recommended Part Number	Fin/Pin Shape	Height (mm)	Keep-out Area (mm)	Thermal resistance (°C/W)			
							200 LFM	400 LFM	600 LFM	
SF363	17	1.4	Passive	INM17001-23W/2.6G+T725	elliptical pin	22.6	22x22	6.1	4.4	3.8
				CS2058	round pin	5.8	18x18	42.2	26.3	20.2
				CS2006	round pin	7.6	18x18	29.5	18.6	14.5
				CS2005	round pin	12.7	18x18	16.7	11.1	8.9
				CS2042	round pin	12.7	18x18	9.1	5.9	4.7
FF323 FFG323 FF324 FFG324	19	1.9	Passive	INL19001-6/1.7BU+T725	plate fin	6.3	23x28	5.5	4.6	4.1
				INL19001-10/1.7BU+T725	plate fin	9.5	23x28	4.9	4.0	3.5
				INL19001-13/1.7BU+T725	plate fin	12.7	23x28	4.2	3.3	3.0
				INM19001-15W/2.6BU+T710	elliptical pin	14.6	24x24	6.7	4.8	3.9
				INM19001-18W/2.6BU+T710	elliptical pin	17.6	24x24	5.5	4.0	3.3
				INM19001-21W/2.6BU+T710	elliptical pin	20.6	24x24	4.7	3.5	2.9
				INM19001-23W/2.6BU+T710	elliptical pin	22.6	24x24	4.3	3.1	2.7
				INM19001-28W/2.6BU+T710	elliptical pin	27.6	24x24	3.9	2.9	2.5
				INM19001-33W/2.6BU+T710	elliptical pin	32.6	24x24	3.4	2.8	2.5
				INM19002-12P/2.6BU+T710	round pin	11.6	24x24	6.2	4.8	4.3
				INM19002-15P/2.6BU+T710	round pin	14.6	24x24	5.5	4.3	3.7
				INM19002-20P/2.6BU+T710	round pin	19.6	24x24	4.8	3.7	3.2
INM19002-25P/2.6BU+T710	round pin	24.6	24x24	4.2	3.3	2.9				
FF484	23	2.2	Passive	INL23001-6/1.7Y+T725	plate fin	6.3	27x32	5.3	4.1	3.6
				INL23001-10/1.7Y+T725	plate fin	9.5	27x32	4.5	3.5	3.0
				INL23001-13/1.7Y+T725	plate fin	12.7	27x32	3.7	3.0	2.6
				HS2099DBP1705K22	round pin	7.6	28x28	11.0	7.5	6.2
				HS2100DBP1705K22	round pin	12.7	28x28	7.2	4.9	4.1



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							200 LFM	400 LFM	600 LFM	
FF668 FF676 FF672 FF665 FFG665 FF676 FFG676	27	2.1	Passive	INL27001-6/1.7Y+T725	plate fin	6.3	31x36	4.6	3.5	3.0
				INL27001-10/1.7Y+T725	plate fin	9.5	31x36	3.8	2.7	2.2
				INL27001-13/1.7Y+T725	plate fin	12.7	31x36	3.1	2.2	1.8
				INM27001-27.2W/2.2BU+T710	elliptical pin	27.2	32x32	2.5	1.7	1.4
				INM27001-32.2W/2.2BU+T710	elliptical pin	32.2	32x32	2.2	1.6	1.3
				INM27002-11.2P/2.2BU+T710	round pin	11.2	32x32	4.6	3.1	2.6
				INM27002-14.2P/2.2BU+T710	round pin	14.2	32x32	3.6	2.4	2.0
				INM27002-19.2P/2.2BU+T710	round pin	19.2	32x32	2.7	1.9	1.6
				INM27002-24.2P/2.2BU+T710	round pin	24.2	32x32	2.3	1.6	1.3
				INC27001-7/1.5O+Li98	plate fin	7.1	32x32	9.2	5.8	4.6
			Active	(12V) FI27+Y+T725	round pin	16.0	31x36	2.1		
				(5V) FJ27+Y+T725	round pin	16.0	31x36	2.1		
FF784	29	2.3	Passive	INL29001-6/1.7Y+T725	plate fin	6.3	33x38	4.5	3.4	2.7
				INL29001-10/1.7Y+T725	plate fin	9.5	33x38	3.7	2.5	2.1
				INL29001-13/1.7Y+T725	plate fin	12.7	33x38	3.0	2.0	1.7
FF1148 FF1136 FFG1136 FF1152 FF1153 FFG1153 FF1154 FF1155 FF1156 FFG1156	35	2.7	Passive	HS1807EBP3805K52	plate fin	12.7	40x40	4.1	2.5	1.9
				HS2132DBP3828K52	round pin	7.1	40x40	6.4	4.2	3.3
				HS2103DBP3828K52	round pin	12.2	40x40	3.9	2.6	2.1
				INH35001-15/2.6K29+T710	plate fin	14.6	40x40	2.9	1.7	1.3
				INH35001-18/2.6K29+T710	plate fin	17.6	40x40	2.4	1.4	1.1
				INH35001-23/2.6K29+T710	plate fin	22.6	40x40	1.9	1.2	0.9
				INM35001-28W/2.6K29+T710	elliptical pin	27.6	40x40	1.7	1.1	0.9
				INM35001-33W/2.6K29+T710	elliptical pin	32.6	40x40	1.5	1.0	0.9
				INM35002-12P/2.6K29+T710	round pin	11.6	40x40	3.6	2.3	1.8
				INM35002-15P/2.6K29+T710	round pin	14.6	40x40	2.8	1.8	1.4
				INM35002-20P/2.6K29+T710	round pin	19.6	40x40	2.1	1.3	1.1
				INM35002-25P/2.6K29+T710	round pin	24.6	40x40	1.7	1.1	0.9
				INC35001-7/1.5K52+Li98	plate fin	7.1	40x40	5.9	3.6	2.7
							Active	(12V) FA35+K52B+T710	plate fin	22.7
(5V) FB35+K52B+T710	plate fin	19.6	40x40					1.9		



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								200 LFM	400 LFM	600 LFM
FF1513	40	2.6	Passive	HS1809EBP4005K55	plate fin	12.7	45x45	3.3	2.0	1.5
				HS2140DBP4028K55	round pin	7.1	45x45	5.4	3.5	2.8
				HS2141DBP4028K55	round pin	12.2	45x45	3.4	2.2	1.8
				INH40001-15/2.6K30+T710	plate fin	14.6	45x45	2.5	1.5	1.1
				INH40001-18/2.6K30+T710	plate fin	17.6	45x45	2.1	1.3	1.0
				INH40001-23/2.6K30+T710	plate fin	22.6	45x45	1.7	1.0	0.8
				INM40001-28W/2.6K30+T710	elliptical pin	27.6	45x45	1.3	0.9	0.7
				INM40001-33W/2.6K30+T710	elliptical pin	32.6	45x45	1.2	0.8	0.7
				INM40002-12P/2.6K30+T710	round pin	11.6	45x45	3.1	1.9	1.5
				INM40002-15P/2.6K30+T710	round pin	14.6	45x45	2.4	1.5	1.2
FF1517	40	2.6	Passive	INM40002-20P/2.6K30+T710	round pin	19.6	45x45	1.8	1.1	0.9
				INM40002-25P/2.6K30+T710	round pin	24.6	45x45	1.5	0.9	0.7
				INC40001-7/1.5K55+T710	plate fin	7.1	45x45	4.1	2.5	2.0
FF1759	42.5	2.6	Active	(12V) FA40+K55B+T710	plate fin	23.3	45x45	1.3		
				(5V) FB40+K55B+T710	plate fin	23.3	45x45	1.3		
FFG1759	42.5	2.6	Passive	INL42.5001-6/1.7Y+T725	plate fin	6.3	47x52	3.5	2.3	1.8
FF1738				INL42.5001-10/1.7Y+T725	plate fin	9.5	47x52	2.5	1.7	1.3
FFG1738				INL42.5001-13/1.7Y+T725	plate fin	12.7	47x52	1.9	1.2	1.0
FF1760			Active	(12V) FI42.5+Y+T725	plate fin	23.2	47.5x47.5	1.2		
FFG1760				(5V) FJ42.5+Y+T725	plate fin	23.2	47.5x47.5	1.2		
FF1923			45	3.0	Passive	INM45001-15W/2.6Y+T710	elliptical pin	14.6	50x50	1.9
	INM45001-18W/2.6Y+T710	elliptical pin				17.6	50x50	1.6	1.1	0.8
	INM45001-21W/2.6Y+T710	elliptical pin				20.6	50x50	1.4	0.9	0.7
	INM45001-23W/2.6Y+T710	elliptical pin				22.6	50x50	1.2	0.8	0.7
	INM45001-28W/2.6Y+T710	elliptical pin				27.6	50x50	1.1	0.7	0.6
	INM45001-33W/2.6Y+T710	elliptical pin				32.6	50x50	0.9	0.7	0.5