

# Precision Device Support

Vendor	Device Family	RTL	Physical <sup>†</sup> (RTL Plus)	Physical (post-P&R)	TMR <sup>††</sup> (Hi-Rel)
Actel	3200DX, 40MX, 54SX, 54SXA	✓			
	ACT1, ACT2, 1200XL, ACT3	✓			
	Axcelerator	✓	✓		✓
	eX, A500K	✓			
	Fusion	✓			✓
	SmartFusion	✓			✓
	IGLOO, IGLOOe, IGLOO+	✓			✓
	ProASIC <sup>PLUS</sup>	✓			✓
	ProASIC 3	✓	✓		✓
	ProASIC 3E	✓	✓		✓
ProASIC 3L	✓	✓		✓	
Altera	MAX 3000A, 7000/AE/B/E/S 9000	✓			
	MAX II, V	✓			
	FLEX 6K / 8K / 10K / KA / KB / KE	✓			
	ACEX 1K	✓			
	APEX II / 20K / KC / KE	✓			
	Arria GX	✓	✓		
	Arria II GX, GZ	✓			
	Cyclone	✓	✓	✓	
	Cyclone II	✓	✓		
	Cyclone III	✓	✓		
	Cyclone IV E / GX	✓	✓		
	Excalibur-ARM	✓			
	Hardcopy II	✓			
	Hardcopy III	✓			
	Mercury	✓			
	Stratix	✓	✓	✓	
	Stratix GX	✓	✓	✓	
	Stratix II	✓	✓		
	Stratix II GX	✓	✓		
	Stratix III	✓	✓		
Stratix IV (E, GX, GT)	✓	✓			
Stratix V	✓	✓			
Atmel	AT6K	✓			
	AT94K	✓			
	ATF15xx AS / ASV / BE	✓			
	ATF280E	✓			
Lattice	ispGDx / GDx2 / GDx2-E	✓			
	ispLSI 1K / 2K / 5K / 8K	✓			
	ispMACH 4A/4000 / 5000B / 5000VG	✓			
	ispMACH 4000ZE	✓			
	ispXPLD 5000MX / XPGA / XPGA-E	✓			
	ORCA Series 2CA / 2TA / 3C / 3T / 4E	✓			
	MACHXO / MachXO 1k/2k	✓			
	LatticeEC	✓			
	LatticeECP	✓	✓		
	LatticeECP2/S	✓	✓		

<sup>†</sup> Pre-place-and-route physical synthesis is available in Precision RTL Plus

<sup>††</sup> Synthesis-based TMR (triple modular redundancy) is available in Precision Hi-Rel

Vendor	Device Family	RTL	Physical† (pre P&R)	Physical (post P&R)	TMR†† (Hi-Rel)
<b>Lattice (cont'd)</b>	LatticeECP2M	✓	✓		
	LatticeECP2MS	✓			
	Lattice ECP3	✓			
	LatticeSC	✓	✓		
	LatticeSCM	✓			
<b>QuickLogic</b>	ArcticLink	✓			
	ArcticLink II†	✓			
	CSSP	✓			
	Eclipse	✓			
	Eclipse II / Plus	✓			
	pASIC 3	✓			
	PolarPro, PolarPro 600/1000	✓			
	PolarPro II†	✓			
	QuickPCI-II	✓			
	QuickRAM	✓			
<b>Xilinx</b>	XC4000 E / EX / L / XL / XLA / XV	✓			
	XC9500 / XL / XV	✓			
	Automotive XC9500XL	✓			
	CoolRunner XPLA3 / CoolRunner2	✓			
	Automotive CoolRunner2 CPLDs	✓			
	Spartan-2	✓			
	Spartan-2E	✓		✓	
	Spartan-3	✓	✓	✓	
	Spartan-3A, 3ADSP	✓	✓		
	Automotive Spartan-2E, 3, 3A , 3ADSP, 3E	✓			
	Spartan-3E	✓	✓		
	Spartan-6	✓	✓		
	Automotive Spartan-6	✓			
	Virtex	✓		✓	
	Virtex-E	✓		✓	
	Virtex-II	✓	✓	✓	✓
	Virtex-II Pro	✓	✓	✓	✓
	Virtex-4	✓	✓	✓	✓
	Virtex-5	✓	✓		✓
	Virtex-6	✓	✓		✓
	Virtex-7	✓	✓		
	Kintex-7	✓	✓		
	QPro Virtex-E Military	✓		✓	
	QPro Virtex-II Military	✓		✓	
	QPro Virtex-II Rad Tolerant	✓		✓	
	QPro Virtex Hi-Rel	✓			
	QPro Virtex Rad-Hard	✓			
QPro Virtex-4 Rad Tolerant	✓				
QPro Virtex-4 Hi-Rel	✓				
QPro Virtex-5 Hi-Rel	✓				

† Pre-place-and-route physical synthesis is available in Precision RTL Plus

†† Synthesis-based TMR (triple modular redundancy) is available in Precision Hi-Rel

††† Available in OEM Version

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