

ARM946/926

▶ Characteristics of Fujitsu ARM946E-S

	0.18um (Standard)	0.18um(high speed)	0.11um(high speed)
Library CAD code	SC82HN	SC82HZ	CS91HZ
Core Size Macrocell Size	140kgates +RAM, 2.5squmm	<=	140kgates +RAM, 1.3squmm
Performance	1.1.MIPS/MHz	<=	<=
Power consumption	0.52mW/MHz(1.8V, Tj=25C, Process=typ)	<=	0.1mW/MHz(1.3V, Tj=25C, Process=typ)
Operating Frequency	125MHz worst	166MHz worst	233MHz worst

▶ Characteristics of Fujitsu ARM926EJ-S

	0.18um (Standard)	0.18um(high speed)	0.11um(high speed)
Library CAD code	SC82HN	SC82HZ	CS91HZ
Core Size Macrocell Size	280kgates +RAM, 4squmm	<=	280kgates +RAM, 2squmm
Performance	1.1.MIPS/MHz	<=	<=
Power consumption	0.95mW/MHz(1.8V, Tj=25C, Process=typ)	<=	0.3mW/MHz(1.3V, Tj=25C, Process=typ)
Operating Frequency	150MHz worst	200MHz worst	280MHz worst