

ATMEL CORPORATION							
SPLD (Simple PLD)							
	16V8B	16V8C	16LV8C	22V10C	22LV10C	750C	750LVC
Flip-Flops	8	8	8	10	10	20	20
I/O	8 + 9 IN	8 + 9 IN	8 + 9 IN	10 + 12 IN	10 + 12 IN	10 + 12 IN	10 + 12 IN
Tpd (ns)	10/15	5/7/12/15	10/15	5/7/10/12/15/20	10/15/30	7/10/15	15
Low Power	Q/QL	Z	-	Q/Z/QZ	Z/QZ	L	-
Stdby lcc	5mA	25uA	5uA	25uA	25uA	1mA	65mA
Techno	Flash	Flash	Flash	Flash	Flash	Flash	Flash
Programming	parallele	parallele	parallele	parallele	parallele	parallele	parallele
Temp	Com/Ind	Com/Ind	Com/Ind	Com/Ind	Com/Ind	Com/Ind	Com/Ind
Voltage	5 Volt	5 Volt	3 Volt	5 Volt	3 Volt	5 Volt	3 Volt
<b>PACKAGES</b>							
20 pin DIP	Yes	Yes	Yes	.	.	.	.
20 pin SOIC	Yes	Yes	Yes	.	.	.	.
20 pin PLCC	Yes	Yes	Yes	.	.	.	.
20 pin TSSOP	Yes	Yes	Yes	.	.	.	.
24 pin DIP				Yes	Yes	Yes	Yes
24 pin SOIC				Yes	Yes	Yes	Yes
24 pin TSOP	.	.	.	Yes	Yes	Yes	Yes
44 Pin PLCC	.	.	.	Yes	Yes	Yes	Yes
<b>AVAILABILITY</b>	Prod	Prod	Prod	Prod	Prod	Prod	Prod

MILITARY EPLD		
22V10B	750B	2500B
10	20	48
10 + 12 IN	10 + 12 IN	
10/15	10/15	15/20/25/30
-	L	L/Q/QL
-	-	-
UV	UV	UV
parallele	parallele	parallele
Mil/883	Mil/884	Mil/885
5 Volt	5 Volt	5 Volt
.	.	.
.	.	.
.	.	.
.	.	.
G(Cerdip)	D(Win cerdip)	.
.	.	.
.	.	.
N(LCC)	L ( Win LCC)	.
Prod	No new design	Obsolete

ATMEL CORPORATION							
CPLD (Complex PLD) ATF15XXAS/ASV							
	1502AS	1502ASV	1504AS	1504ASV	1508AS	1508ASV	F2500C
Flip-Flops	32	32	64	64	128	128	48
I/O	32+ 4 IN	32 + 4 IN	64 + 4 IN	65 + 4 IN	96 + 4 IN	96 + 4 IN	
GCLK	3	3	3	3	3	3	
Logic Doubling	Yes	Yes	Yes	Yes	Yes	Yes	No
Tpd (ns)	7/10/15/25	15	7/10/15/25	15/20	7/10/15/25	15/20	15
Low Power	L	-	L	L	L	L	-
Stdby lcc	10uA	0.75mA	10uA	5uA	10uA	5uA	
Techno	Flash	Flash	Flash	Flash	Flash	Flash	Flash
Programming	Jtag	Jtag	Jtag	Jtag	Jtag	Jtag	parallele
Temp	Com/Ind	Com/Ind	Com/Ind	Com/Ind	Com/Ind	Com/Ind	Com/Ind
Voltage	5 Volt	3 Volt	5 Volt	3 Volt	5 Volt	3 Volt	5 Volt
<b>PACKAGES</b>							
44 pin PLCC	Yes	Yes	Yes	Yes	.	.	Yes
44 pin TQFP	Yes	Yes	Yes	Yes	.	.	.
68 pin PLCC	.	.	Yes	Yes	.	.	.
84 pin PLCC	.	.	Yes	Yes	Yes	Yes	
100 pin TQFP	.	.	Yes	Yes	Yes	Yes	
100 pin PQFP	.	.	Yes	Yes	Yes	Yes	
160 pin PQFP	.	.	.	.	Yes	Yes	
<b>AVAILABILITY</b>	Prod	Prod	Prod	Prod	Prod	Prod	Prod

Green Package available in Q1-05 (CF if other package needed )