CPU09IDE - GAL Selection Table.

Type	I/O	G1	G2	G3	G4	Programmer
GAL16V8A-15LP	2	Х	X	Х	Х	1, 2
GAL16V8B-15LP	1	Х	X	Х	Х	1, 2
GAL16V8D-15LP	1	X	X	Х	X	1, 2
GAL16V8D-25LP	1	X	X	Х	X	1, 2
GAL22V10B-15LP	3	IDE_G1B	IDE_G2D	IDE_G3B	IDE_G4B	1, 2
GAL22V10D-15LP	3	IDE_G1B	IDE_G2D	IDE_G3B	IDE_G4B	1, 2
ATF16V8B-15PC	1	X	X	Х	X	2, 3, 1
ATF16V8B-25PC	1	X	X	Х	X	2, 3, 1
ATF22V10B-15PC	1	ATF-IDE_G1B	ATF-IDE_G2D	ATF-IDE_G3B	ATF-IDE_4GB	2, 3, 1
ATF22V10C-15PC	5	ATF-IDE_G1B	*ATF-IDE_G2D	ATF-IDE_G3B	ATF-IDE_4GB	2, 3, 1
PALCE16V8-15PC	1	X	X	Х	X	2
PALCE16V8-25PC	1	X	X	Х	X	2
PALCE16V8H-15PC/4	4	Х	X	X	X	2, 3
PALCE16V8H-25PC	4	X	X	X	X	2, 3
PALCE22V10H-15PC/4	4	IDE_G1B	IDE_G2D	IDE_G3B	IDE_G4B	2
PALCE22C10H-25PC/4	4					X
PALCE22V10Q-25PC	4	IDE_G1B	*IDE_G2D	IDE_G3B	IDE_G4B	2

Tested

Any open field means not used/tested

First nr prefered

Also tested a mix ATF / GAL / PALCE and -15 / -25

* Works only with 100K pull-up on G2 between pin-1 and pin-24

I/O: 1 = I/O 50K pull up	Programmer:
2 = I/O No pull up	1 = Xgpro TL866II Plus, Sw 12.90 - Fw 04.2.132
3 = I/O Active pull up	2 = GALEP-4, Galep32 Version 1.20.4
4 = 100K 50K No pull up	3 = TOP2013, Sw Topall 8.92 - Fw 6.30
5 = I/O Pin keeper	x = No programmer available

Remarks: I/O type 4 depending on device suffix /4 = 100K, /5=50K, otherwise NO pull-up.

I/O type 2, 4 and 5 may need a pull-up on floating input pins.

Some ATE16V8R had errors on the TI 866II Plus but not on the CALEP-4

Some ATF16V8B had errors on the TL866II Plus but not on the GALEP-4. Do select the full name in the programmer A, B, C, D, H or Q version!

Otherwise you will get programming errors!

TOP2013 also select the correct speed -10, -15 or -25!