

**MICROTECH**

T-46-19-13

Programmable Logic Devices

PAL POWER/SPEED SELECTION GUIDE

Type	Speed selection	Power (Typical)
A	25nS	180mA
A-2	35nS	90mA
A-4	55nS	50mA
B	15nS	180mA
B-2	25nS	90mA
B-4	35nS	55mA
D	10nS	180mA

Part N°	Package style	BS Spec. N°	Functional Description
PAL10H8	20 PIN DIL	BS9493 F0047	Octal 10 Input and/or Gate Array
PAL16R6A-2	20 PIN DIL	BS9493 F0223	Hex 16 Input registered and/or Gate Array
PAL16R6B-2	20 PIN DIL	BS9493 F0224	Hex 16 Input registered and/or Gate Array
PAL16R6B-4	20 PIN DIL	BS9493 F0225	Hex 16 Input registered and/or Gate Array
PAL16R6D	20 PIN DIL	BS9493 F0226	Hex 16 Input registered and/or Gate Array
PAL16R8A	20 PIN DIL	BS9493 F0053	Octal 16 Input and/or Gate Array
PAL16R8A-2	20 PIN DIL	BS9493 F0050	Octal 16 Input and/or Gate Array
PAL16R8B-2	20 PIN DIL	BS9493 F0051	Octal 16 Input and/or Gate Array
PAL16R8D	20 PIN DIL	BS9493 F0052	Octal 16 Input and/or Gate Array
PAL16L8A	20 PIN DIL	BS9493 F0054	Octal 16 Input and/or Gate Array
PAL16L8A-2	20 PIN DIL	BS9493 F0081	Octal 16 Input and/or Gate Array
PAL16L8B-2	20 PIN DIL	BS9493 F0055	Octal 16 Input and/or Gate Array
PAL16L8D	20 PIN DIL	BS9493 F0056	Octal 16 Input and/or Gate Array
PAL16R4A	20 PIN DIL	BS9493 F0080	Quad 16 Input registered and/or Gate Array
PAL16R4A-2	20 PIN DIL	BS9493 F0220	Quad 16 Input registered and/or Gate Array
PAL16R4B-2	20 PIN DIL	BS9493 F0221	Quad 16 Input registered and/or Gate Array



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Programmable Logic Devices (cont'd)

Part N°	Package style	BS Spec. N°	Functional Description
PAL16R4D	20 PIN DIL	BS9493 F0222	Quad 16 Input registered and/or Gate Array
PAL20RS8	24 PIN DIL	BS9493 F0057	Octal 20 Input Registered and/or Gate Array with product term sharing
PAL20L8A	24 PIN DIL	BS9493 F0060	Octal 20 Input and/or-Invert Gate Array
PAL20L8A-2	24 PIN DIL	BS9493 F0058	Octal 20 Input and/or-Invert Gate Array
PAL20L8B	24 PIN DIL	BS9493 F0059	Octal 20 Input and/or-Invert Gate Array
PAL20R8A-2	24 PIN DIL	BS9493 F0048	Octal 20 Input registered and/or Gate Array
PAL20R8B	24 PIN DIL	BS9493 F0049	Octal 20 Input registered and/or Gate Array
PAL20R6A-2	24 PIN DIL	BS9493 F0227	Hex 20 Input registered and/or Gate Array
PAL20R6B	24 PIN DIL	BS9493 F0228	Hex 20 Input registered and/or Gate Array
PAL20R4A	24 PIN DIL	BS9493 F0063	Quad 20 Input registered and/or Gate Array
PAL20R4A-2	24 PIN DIL	BS9493 F0061	Quad 20 Input registered and/or Gate Array
PAL20R4B	24 PIN DIL	BS9493 F0062	Quad 20 Input registered and/or Gate Array
PAL20L10	24 PIN DIL	BS9493 F0262	Deca 20 Input and/or-Invert Gate Array
PAL20RA10	24 PIN DIL	BS9493 F0263	Deca 20 Input registered Async and/or gate array
PAL20S10	24 PIN DIL	BS9493 F0264	Deca 20 Input and/or Gate Array with Product term sharing
PAL20X4	24 PIN DIL	BS9493 F0265	Quad 20 Input registered and-or -xor Gate Array
PAL20X8	24 PIN DIL	BS9493 F0266	Octal 20 Input registered and-or -xor Gate Array
PAL20X10	24 PIN DIL	BS9493 F0267	Deca 20 Input registered and-or -xor Gate Array
PAL22V10	24 PIN DIL	BS9493 F0268	Deca Macrocell 22 Input and-or Gate Array

BS/CECC/PRODUCT