Device List

The following is a list of correct family and pinout codes which must be selected and entered into the programmer in order to load, blank check, program, or verify a device. The proper family and pinout codes can be entered by selecting the correct manufacturer and device part number from the programmer menus or by typing in the family and pinout code when prompted.

CAUTION

Entry of an invalid family/pinout code; i.e., one other than those listed in this list, can cause unpredictable results at the device socket, which may damage a device. A valid family code and a valid pinout code may be combined to produce an invalid (illegal) combination. The correct combination for your device is published in this list. All family and pinout code combinations not contained in this list are considered "illegal." Data I/O assumes no responsibility or liability for results produced by entry of "illegal" family and pinout code combinations.

Key to Headings and Footnotes:

Device Part Number: The number assigned by the device manufacturer.

Family Code: A 2-digit number that designates the programming algorithm.

Pinout Code: A 2-digit number used to differentiate device types based on pin assignment and array size.

Software Version: A number that specifies the earliest version of the 280 Set Programmer software that will program the device to the manufacturer's latest specifications.

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Approval Status: The following is an explanation of the symbols used in this column:

A Written approval has been obtained.

P The 280 uses algorithms specified and approved for previous Data I/O equipment.

O The device is obsolete and no longer in production. No approval can be obtained. The algorithm has been used and approved in previous Data I/O equipment.

S This algorithm is in the process of submittal for manufacturer approval. The algorithm has been tested by Data I/O or the manufacturer, but no representation as to yield level is made or implied.

Electronic ID: An asterisk (*) following the device part number indicates that the device can be programmed using the electronic identifier when operating the programmer from the front panel or from a remote computer.

Device List

Device Part Number	Family & Pinout Codes	Software Version	Approval Status
Advanced Micro Devices			
2716	19 23	01	P
2732	19 24	01	P
2732A	27 24	01	P
2764	AF 33	01	P
2764A*	C1 33	01	S
27128	AF 51	01	A
27128A*	C1 51	01	S
27256*	C1 32	01	P
27512*	DD A4	01	S
Eurotechnique			
ET2716	19 23	01	P
ETC2716	19 23	01	P
ET2732	19 24	01	P
ET2764	35 33	01	P
Exel Microelectronics Inc.			
2816A	B7 23	01	P
2864A	C3 98	01	P
Fujitsu			
8516(2716)	19 23	01	P
2732	19 24	01	P
2732A	27 24	01	S
27C32A	27 24	01	S
8532(2732)	19 24	01	P
2764	45 33	01	S
27C64	45 33	01	S
27128	45 51	01	S
27C128*	45 51	01	S
27256*	93 32	01	S
27C256*	45 32	01	S
General Instruments			
5816	37 23	01	P
Hitachi			
462716	19 23	01	P
48016	33 23	01	S
462532	19 25	01	P
462732	19 24	01	P

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Device Part Number	Family & Pinout Codes	Software Version	Approval Status
Hitachi (continued)			
462732P	19 24	01	S
482732A	27 24	01	P
482732AG	27 24	01	S
27C64	79 33	01	P
27C64G	79 33	01	S
482764	79 33	01	P
4827128	79 51	01	P
4827128P	79 51	01	S
27256	93 32	01	S
27C256	93 32	01	S
4827256	93 32	01	S
Intel			
2716	19 23	01	P
2816	37 23	01	P
2816A	37 23	01	S
2732	19 24	01	P
2732A*	27 24	01	P
2732B	93 24	01	P
P2732A	4D 24	01	S
2764*	79 33	01	P
Intel (continued)			
2764A*	93 33	01	P
27C64*	93 33	01	P
P2764*	79 33	01	S
P2764A*	93 33	01	S
27128*	79 51	01	P
27128A*	93 51	01	P
P27128A*	93 51	01	S
27256*	93 32	01	P
27C256*	93 32	01	P
27512*	4B A4	01	P
27513	5B 5E	01	P
Mitsubishi			
2716	19 23	01	P
2732	19 24	01	P
2732A	27 24	01	S
2764	79 33	01	P
27128	79 51	01	P
27256	93 32	01	S

Device Part Number	Family & Pinout Codes	Software Version	Approval Status
Mostek			
2716	19 23	01	O
Motorola			
MCM2532	19 25	01	P
MCM68764	25 29	01	P
MCM68766	25 29	01	P
National Semiconductor			
2758A	19 22	01	P
2758B	19 35	01	P
2716	19 23	01	P
27C16	19 23	01	P
27C16H	BD 23	01	S
2816	37 23	01	P
2532	19 25	01	P
2732	19 24	01	P
National Semiconductor (continued)			
27C32	19 24	01	P
27C32H	BD 24	01	S
27C64	5D 33	01	P
27C256	5D 32	01	P
NEC			
2716	19 23	01	P
2732	19 24	01	P
2732A	27 24	01	S
2764	79 33	01	P
2764D	79 33	01	S
27128	79 51	01	P
27128D	79 51	01	S
27256*	45 32	01	P

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Oki			
2758	19 22	01	P
2716	19 23	01	P
2532	19 25	01	S
2732	19 24	01	S
2732A	27 24	01	S
2764	79 33	01	S
27128A	79 51	01	S
27256	93 32	01	S
Ricoh			
RD5H32	27 24	01	S
27C64	93 33	01	S
Rockwell			
R87C32	27 24	01	S
R87C64	35 33	01	S
Seeq			
5213	37 23	01	P
52B13	37 23	01	P
2816A	B7 23	01	S
5516A	B7 23	01	S
2764	79 33	01	P
5133*	79 33	01	P
5143*	79 51	01	P
27128	79 51	01	P
27C256	93 32	01	S
SGS-ATES			
2716	19 23	01	P
2532	19 25	01	P
2732A	27 24	01	S
2764	35 33	01	S
Signetics			
27C64	35 33	01	S

Device Part Number	Family & Pinout Codes	Software Version	Approval Status
Texas Instruments			
2508	19 22	01	P
2516	BD 23	01	P
2532	31 25	01	P
25L32	19 25	01	S
2732	31 24	01	P
2732A	27 24	01	P
2564	31 30	01	P
2764	79 33	01	P
27128	79 51	01	P
Toshiba			
323	19 23	01	S
2732	19 24	01	S
2732A	27 24	01	S
2732D	19 24	01	S
2764	79 33	01	S
27128	79 51	01	S
27256	45 32	01	S
57256	45 32	01	S
TC57256	45 32*	01	P
VTI			
27C64	35 33	01	S
27C256	93 32	01	S
Xicor			
2804A	B7 82	01	S
2816A	B7 23	01	S
2864A	C3 98	01	S