

[Note]:The pinswapping table be created for some EPLD devices which need special adapter and comfortable for user to make with yourself.

(1)Waferscale PSD3xx Series(including of PSD301/311/311C1,PSD302/312/312C1, PSD303/313/313C1).

[Note]:1.Suggest add a tantalum capacitor 1uf and 0.1uf between VCC(pin-44) and GND(pin-12) on PLCC socket.  
2.All PLCC NC pins need connect to DIP(pin-3,8,9 or 10).

CONNECTION TABLE:						
PIN/Signal Names	44-Lead PLCC SOCKET	40-Pin DIP Base	PIN/Signal Names	44-Lead PLCC SOCKET	40-Pin DIP Base	
BHE/PSEN	1	7	VCC	44	40	
VPP	2	1	A19	43	39	
RESET	3	2	PC2	42	6	
PB7	4	NC	PC1	41	5	
PB6	5	NC	PC0	40	38	
PB5	6	NC	AD15	39	37	
PB4	7	NC	AD14	38	36	
PB3	8	NC	AD13	37	35	
PB2	9	NC	AD12	36	34	
PB1	10	NC	AD11	35	32	
PB0	11	NC	GND	34	30	
GND	12	11	AD10	33	33	
ALE	13	4	AD9	32	31	
PA7	14	12	AD8	31	29	
PA6	15	13	AD7	30	28	
PA5	16	14	AD6	29	27	
PA4	17	15	AD5	28	26	
PA3	18	16	AD4	27	22	
PA2	19	17	AD3	26	24	
PA1	20	18	AD2	25	23	
PA0	21	19	AD1	24	25	
RD	22	20	AD0	23	21	

(2)Waferscale PSD4xx/5XX Series(including of PSD401/411A1,PSD401/411A2, PSD402/412A2,PSD403/413A1,PSD403/413A2,PSD501/511B1,PSD502 /512B1,PSD503/513B1.

[Note]:1. TEXTTOOL means ZIP SOCKET on machine(40 total pins),PLCC represented device pins(68 total pins on here).

[Note]:1.Suggest add a tantalum capacitor 1uf and 0.1uf between VCC(pin-52) and GND(pin-51) on PLCC socket.

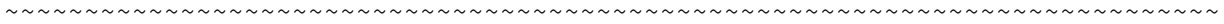
2.All PLCC NC pins need connect to TEXTTOOL(pin-18,24 or 30).

CONNECTION TABLE:					
PIN/Signal Names	68-Lead PLCC SOCKET	48-Pin DIP Base	PIN/Signal Names	68-Lead PLCC SOCKET	48-Pin DIP Base
GND	1	20	ADIO_8	68	38
ADIO_7	2	2	ADIO_9	67	37
ADIO_6	3	3	ADIO_10	66	36
ADIO_5	4	4	ADIO_11	65	35
ADIO_4	5	5	ADIO_12	64	34
ADIO_3	6	6	ADIO_13	63	33
ADIO_2	7	7	ADIO_14	62	32
ADIO_1	8	8	ADIO_15	61	31
ADIO_0	9	9	PD0	60	NC
PC7	10	10	PD1	59	NC
PC6	11	11	PD2	58	NC
PC5	12	12	PD3	57	NC
PC4	13	13	PD4	56	NC
PC3	14	14	PD5	55	NC
PC2	15	15	PD6	54	NC
PC1	16	16	PD7	53	NC
PC0	17	17	VCC	52	40
VCC	18	40	GND	51	20
GND	19	20	PB0	50	NC
PA7	20	19	PB1	49	NC
PA6	21	21	PB2	48	NC
PA5	22	22	PB3	47	NC
PA4	23	23	PB4	46	NC
PA3	24	NC	PB5	45	NC
PA2	25	NC	PB6	44	NC
PA1	26	NC	PB7	43	NC
PA0	27	NC	CLKIN	42	28
Vstdby	28	20	RD	41	27
WR	29	29	RESET	40	26
PE7	30	NC	CSI	39	39
PE6	31	NC	PE0	38	NC
PE5	32	NC	PE1	37	NC
PE4	33	NC	PE2	36	25
PE3	34	NC	GND	35	20

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(3) MICROCHIP PIC17C42

| CONNECTION TABLE: |                    |                 |                  |                    |                 |
|-------------------|--------------------|-----------------|------------------|--------------------|-----------------|
| PIN/Signal Names  | 40-Lead DIP SOCKET | 40-Pin DIP Base | PIN/Signal Names | 40-Lead DIP SOCKET | 40-Pin DIP Base |
| VDD               | 1                  | 40              | RD0/AD8          | 40                 | 1               |
| RC0/AD0           | 2                  | 1               | RD1/AD9          | 39                 | NC              |
| RC1/AD1           | 3                  | 4               | RD2/AD10         | 38                 | NC              |
| RC2/AD2           | 4                  | 5               | RD3/AD11         | 37                 | NC              |
| RC3/AD3           | 5                  | 6               | RD4/AD12         | 36                 | NC              |
| RC4/AD4           | 6                  | 7               | RD5/AD13         | 35                 | NC              |
| RC5/AD5           | 7                  | 8               | RD6/AD14         | 34                 | NC              |
| RC6/AD6           | 8                  | 9               | RD7/AD15         | 33                 | NC              |
| RC7/AD7           | 9                  | 10              | VPP              | 32                 | 32              |
| VSS               | 10                 | 11              | VSS              | 31                 | 30              |
| RB0               | 11                 | 12              | RE0/ALE          | 30                 | 31              |
| RB1               | 12                 | 13              | RE1/OE           | 29                 | NC              |
| RB2               | 13                 | 14              | RE2/WR           | 28                 | NC              |
| RB3               | 14                 | 15              | TEST             | 27                 | 27              |
| RB4               | 15                 | 16              | RA0              | 26                 | 26              |
| RB5               | 16                 | 17              | RA1              | 25                 | 25              |
| RB6               | 17                 | 18              | RA2              | 24                 | 24              |
| RB7               | 18                 | 19              | RA3              | 23                 | 23              |
| OSC1              | 19                 | 2               | RA4              | 22                 | 22              |
| OSC2              | 20                 | 3               | RA5              | 21                 | NC              |



(4) ALTERA EPM5064

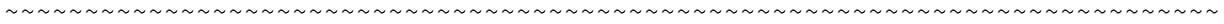
[Note]:1. Suggest add a tantalum capacitor 0.1uf between(1)pin 30,27(DIP)  
 (2)pin 32,11(DIP) (3)pin 34,11(DIP) .

| CONNECTION TABLE: |                |                  | CONNECTION TABLE: |                |                  |
|-------------------|----------------|------------------|-------------------|----------------|------------------|
| PIN/Signal Names  | 44-Lead SOCKET | PLCC 40-Pin Base | PIN/Signal Names  | 44-Lead SOCKET | PLCC 40-Pin Base |
| I/O               | 1              | NC               | I/O               | 44             | 36               |
| I/O               | 2              | 2                | GND               | 43             | 30               |
| VCC               | 3              | 27               | I/O               | 42             | 1                |
| I/O               | 4              | 4                | I/O               | 41             | 40               |
| I/O               | 5              | NC               | I/O               | 40             | NC               |
| I/O               | 6              | 6                | I/O               | 39             | 39               |
| I/O               | 7              | 7                | I/O               | 38             | 38               |
| I/O               | 8              | 8                | I/O               | 37             | 37               |
| INPUT             | 9              | NC               | VCC               | 36             | 32               |
| GND               | 10             | 11               | INPUT             | 35             | NC               |
| INPUT             | 11             | 12               | INPUT             | 34             | NC               |
| INPUT             | 12             | 14               | INPUT             | 33             | 33               |
| INPUT             | 13             | 34               | GND               | 32             | 11               |
| VCC               | 14             | 32               | INPUT             | 31             | 31               |
| I/O               | 15             | 15               | I/O               | 30             | 20               |
| I/O               | 16             | 16               | I/O               | 29             | 29               |
| I/O               | 17             | 17               | I/O               | 28             | 28               |
| I/O               | 18             | NC               | I/O               | 27             | NC               |
| I/O               | 19             | 19               | I/O               | 26             | 26               |
| I/O               | 20             | 21               | VCC               | 25             | 27               |
| GND               | 21             | 30               | I/O               | 24             | 24               |
| I/O               | 22             | 22               | I/O               | 23             | NC               |

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(5) MOTOROLA MC68HC711D3

CONNECTION TABLE:					
PIN/Signal Names	40-Lead DIP SOCKET	28-Pin DIP Base	PIN/Signal Names	40-Lead DIP SOCKET	28-Pin DIP Base
VSS	1	14	XTAL	40	NC
PC0	2	10	EXTAL	39	14
PC1	3	9	E	38	NC
PC2	4	8	MODA	37	14
PC3	5	7	MODB	36	14
PC4	6	6	PB0	35	25
PC5	7	5	PB1	34	24
PC6	8	4	PB2	33	21
PC7	9	3	PB3	32	23
VPP	10	1	PB4	31	2
PD7	11	19	PB5	30	14
PD6	12	18	PB6	29	14
RESET	13	14	PB7	28	22
IRQ	14	20	PA0	27	14
PD0	15	11	PA1	26	14
PD1	16	12	PA2	25	14
PD2	17	13	PA3	24	14
PD3	18	15	PA5	23	NC
PD4	19	16	PA7	22	14
PD5	20	17	VDD	21	28



(5) MOTOROLA MC68HC711E9

CONNECTION TABLE:					
PIN/Signal Names	52-Lead PLCC SOCKET	28-Pin DIP Base	PIN/Signal Names	52-Lead PLCC SOCKET	28-Pin DIP Base
VSS	1	14	VRH	52	14
MODB	2	14	VRL	51	14
MODA	3	14	PE7	50	14
STRA	4	18	PE3	49	14
E	5	NC	PE6	48	14
STRB	6	19	PE2	47	14
EXTAL	7	14	PE5	46	14
XTAL	8	NC	PE1	45	14
PC0	9	10	PE4	44	14
PC1	10	9	PE0	43	14
PC2	11	8	PB0	42	25
PC3	12	7	PB1	41	24
PC4	13	6	PB2	40	21
PC5	14	5	PB3	39	23
PC6	15	4	PB4	38	2
PC7	16	3	PB5	37	26
RESET	17	14	PB6	36	14
VPP	18	1	PB7	35	22
IRQ	19	20	PA0	34	14
PD0	20	11	PA1	33	14
PD1	21	12	PA2	32	14
PD2	22	13	PA3	31	14
PD3	23	15	PA4	30	NC
PD4	24	16	PA5	29	NC
PD5	25	17	PA6	28	NC
VDD	26	28	PA7	27	14

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(7) INTEL PA28F200BX-B/-T, PA28F400BX-B/-T (PSOP package)

[Note]: 1. User need to purchase special 44 pins PSOP socket and PIN to PIN PCB layout board then regard of following table to wire it by yourself.

2. All NC pins need connect 10k register before wiring to DIP GND 20.

| CONNECTION TABLE: |                     |                 |                  |                     |                 |
|-------------------|---------------------|-----------------|------------------|---------------------|-----------------|
| PIN/Signal Names  | 44-Lead PSOP SOCKET | 40-Pin DIP Base | PIN/Signal Names | 44-Lead PSOP SOCKET | 40-Pin DIP Base |
| VPP               | 1                   | 11              | PWD              | 44                  | 31              |
| DU                | 2                   | Not Connect     | WE               | 43                  | 27              |
| NC                | 3                   | 1               | A8               | 42                  | 40              |
| A7                | 4                   | 2               | A9               | 41                  | 39              |
| A6                | 5                   | 3               | A10              | 40                  | 38              |
| A5                | 6                   | 4               | A11              | 39                  | 37              |
| A4                | 7                   | 5               | A12              | 38                  | 36              |
| A3                | 8                   | 6               | A13              | 37                  | 35              |
| A2                | 9                   | 7               | A14              | 36                  | 34              |
| A1                | 10                  | 8               | A15              | 35                  | 33              |
| A0                | 11                  | 9               | A16              | 34                  | 32              |
| CE                | 12                  | 10              | BYTE             | 33                  | GND 20          |
| GND               | 13                  | GND 20          | GND              | 32                  | GND 20          |
| OE                | 14                  | 12              | DQ15/A-1         | 31                  | 29              |
| DQ0               | 15                  | 13              | DQ7              | 30                  | 28              |
| DQ8               | 16                  | NC              | DQ14             | 29                  | NC              |
| DQ1               | 17                  | 15              | DQ6              | 28                  | 26              |
| DQ9               | 18                  | NC              | DQ13             | 27                  | NC              |
| DQ2               | 19                  | 17              | DQ5              | 26                  | 24              |
| DQ10              | 20                  | NC              | DQ12             | 25                  | NC              |
| DQ3               | 21                  | 19              | DQ4              | 24                  | 22              |
| DQ11              | 22                  | NC              | VCC              | 23                  | VCC 30          |

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(8) INTEL E28F002BX-B/-T, E28F004BX-B/-T (TSOP package)

[Note]: 1. User need to purchase special 40 pins TSOP socket and PIN to PIN PCB layout board then regard of following table to wire it by yourself.

CONNECTION TABLE:			CONNECTION TABLE:		
PIN/Signal	40-Lead TSOP	40-Pin DIP	PIN/Signal	40-Lead TSOP	40-Pin DIP
Names	SOCKET	Base	Names	SOCKET	Base
A16	1	1	A17	40	40
A15	2	2	GND	39	GND 20
A14	3	3	NC	38	38
A13	4	4	NC	37	37
A12	5	5	A10	36	36
A11	6	6	DQ7	35	35
A9	7	7	DQ6	34	34
A8	8	8	DQ5	33	33
WE	9	9	DQ4	32	32
PWD	10	10	VCC	31	VCC 30
VPP	11	11	VCC	30	VCC 30
DU	12	NC	NC	29	29
NC	13	13	DQ3	28	28
A7	14	14	DQ2	27	27
A6	15	15	DQ1	26	26
A5	16	16	DQ0	25	25
A4	17	17	OE	24	24
A3	18	18	GND	23	GND 20
A2	19	19	CE	22	22
A1	20	23	A0	21	21

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(9)Xilinx EPLD7236/7236A(44 PINs PLCC)

[Note]:1. All PLCC NC pins need connect to TEXTTOOL GND(pin20).

| CONNECTION TABLE: |                     |                 |                  |                     |                 |
|-------------------|---------------------|-----------------|------------------|---------------------|-----------------|
| PIN/Signal Names  | 44-Lead PLCC SOCKET | 40-Pin DIP Base | PIN/Signal Names | 44-Lead PLCC SOCKET | 40-Pin DIP Base |
| VPP               | 1                   | 1               | INPUT            | 44                  | 39              |
| INPUT             | 2                   | NC              | INPUT            | 43                  | 38              |
| INPUT             | 3                   | 3               | INPUT            | 42                  | 35              |
| INPUT             | 4                   | 4               | INPUT            | 41                  | 34              |
| INPUT             | 5                   | 5               | INPUT            | 40                  | 29              |
| INPUT             | 6                   | 6               | GND              | 39                  | 20              |
| GND               | 7                   | 20              | INPUT            | 38                  | 23              |
| INPUT             | 8                   | 8               | INPUT/FI         | 37                  | 37              |
| FCLK0             | 9                   | 20              | INPUT/FI         | 36                  | 36              |
| FCLK1             | 10                  | NC              | INPUT/FI         | 35                  | 20              |
| FCLK2             | 11                  | NC              | VCCINT           | 34                  | 40              |
| VCCIO             | 12                  | 40              | INPUT            | 33                  | 33              |
| INPUT             | 13                  | 13              | FastOE           | 32                  | 32              |
| INPUT             | 14                  | 14              | INPUT            | 31                  | 31              |
| INPUT             | 15                  | 15              | INPUT            | 30                  | 24              |
| INPUT             | 16                  | 16              | GND              | 29                  | 20              |
| GND               | 17                  | 20              | INPUT            | 28                  | 28              |
| INPUT             | 18                  | 17              | INPUT            | 27                  | 27              |
| INPUT             | 19                  | 18              | INPUT/FI         | 26                  | 26              |
| INPUT/FI          | 20                  | 19              | INPUT/FI         | 25                  | 25              |
| INPUT/FI          | 21                  | 21              | INPUT/FI         | 24                  | NC              |
| INPUT/FI          | 22                  | NC              | VCCIO            | 23                  | 40              |

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(10A) Xilinx EPLD7272/7272A (68 PINs PLCC)

CONNECTION TABLE:					
PIN/Signal Names	68-Lead PLCC SOCKET	40-Pin DIP Base	PIN/Signal Names	68-Lead PLCC SOCKET	40-Pin DIP Base
Reset	1	1	INPUT	68	20
INPUT	2	2	INPUT	67	20
INPUT	3	20	INPUT	66	39
INPUT	4	20	INPUT	65	37
INPUT	5	20	GND	64	20
GND	6	20	MC5-1	63	6
MC4-4	7	7	MC5-2	62	5
MC4-3	8	8	MC5-3	61	4
MC4-2	9	9	MC5-4	60	3
MC4-1	10	10	GND	59	20
MC3-8	11	NC	MC6-5	58	NC
MC3-7	12	NC	MC6-6	57	NC
MC3-6	13	NC	MC6-7	56	NC
MC3-5	14	NC	MC6-8	55	NC
GND	15	20	VCC	54	40
VCC	16	40	MC7-1	53	28
MC2-9	17	NC	MC7-2	52	NC
MC2-8	18	NC	MC7-3	51	27
MC2-7	19	19	MC7-4	50	NC
MC2-6	20	NC	GND	49	20
GND	21	20	MC7-5	48	18
MC2-5	22	22	MC7-6	47	NC
MC2-4	23	NC	MC7-7	46	17
MC2-3	24	24	MC7-8	45	NC
MC2-2	25	NC	MC7-9	44	35
MC2-1	26	26	MC8-1	43	25
MC1-9	27	NC	MC8-2	42	NC
MC1-8	28	NC	MC8-3	41	23
MC1-7	29	29	MC8-4	40	NC
MC1-6	30	NC	GND	39	20
GND	31	20	MC8-5	38	38
MC1-5	32	32	MC8-6	37	NC
MC1-4	33	NC	MC8-7	36	36
MC1-3	34	34	VCC	35	40

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(10B)Xilinx EPLD7272/7272A(84 PINs PLCC)

[Note]:1. redefine pins since PC-UPROG Ver2.4.

| CONNECTION TABLE: |              |            |            |              |            |
|-------------------|--------------|------------|------------|--------------|------------|
| PIN/Signal        | 84-Lead PLCC | 40-Pin DIP | PIN/Signal | 84-Lead PLCC | 40-Pin DIP |
| Names             | SOCKET       | Base       | Names      | SOCKET       | Base       |
| Reset             | 1            | 1          | INPUT      | 84           | 20         |
| INPUT             | 2            | 2          | INPUT      | 83           | 20         |
| INPUT             | 3            | 20         | INPUT      | 82           | 20         |
| INPUT             | 4            | 20         | INPUT      | 81           | 20         |
| INPUT             | 5            | 20         | INPUT      | 80           | 39         |
| INPUT             | 6            | 20         | INPUT      | 79           | 38         |
| INPUT             | 7            | 20         | GND        | 78           | 20         |
| GND               | 8            | 20         | MC5-1      | 77           | 37         |
| MC4-4             | 9            | 3          | MC5-2      | 76           | 36         |
| MC4-3             | 10           | 4          | MC5-3      | 75           | 35         |
| MC4-2             | 11           | 5          | MC5-4      | 74           | 34         |
| MC4-1             | 12           | 6          | MC6-1      | 73           | NC         |
| MC3-8             | 13           | NC         | MC6-2      | 72           | NC         |
| MC3-7             | 14           | NC         | MC6-3      | 71           | NC         |
| MC3-6             | 15           | NC         | MC6-4      | 70           | NC         |
| MC3-5             | 16           | NC         | GND        | 69           | 20         |
| GND               | 17           | 20         | MC6-5      | 68           | NC         |
| MC3-4             | 18           | NC         | MC6-6      | 67           | NC         |
| MC3-3             | 19           | NC         | MC6-7      | 66           | NC         |
| MC3-2             | 20           | NC         | MC6-8      | 65           | NC         |
| MC3-1             | 21           | NC         | VCC        | 64           | 40         |
| VCC               | 22           | 40         | MC7-1      | 63           | 29         |
| MC2-9             | 23           | NC         | MC7-2      | 62           | NC         |
| MC2-8             | 24           | NC         | MC7-3      | 61           | 28         |
| MC2-7             | 25           | 13         | MC7-4      | 60           | NC         |
| MC2-6             | 26           | NC         | GND        | 59           | 20         |
| GND               | 27           | 20         | MC7-5      | 58           | 27         |
| MC2-5             | 28           | 14         | MC7-6      | 57           | NC         |
| MC2-4             | 29           | NC         | MC7-7      | 56           | 26         |
| MC2-3             | 30           | 15         | MC7-8      | 55           | NC         |
| MC2-2             | 31           | NC         | MC7-9      | 54           | 25         |
| MC2-1             | 32           | 16         | MC8-1      | 53           | 24         |
| MC1-9             | 33           | NC         | MC8-2      | 52           | NC         |
| MC1-8             | 34           | NC         | MC8-3      | 51           | 23         |
| MC1-7             | 35           | 17         | MC8-4      | 50           | NC         |
| MC1-6             | 36           | NC         | GND        | 49           | 20         |
| GND               | 37           | 20         | MC8-5      | 48           | 22         |
| MC1-5             | 38           | 18         | MC8-6      | 47           | NC         |
| MC1-4             | 39           | NC         | MC8-7      | 46           | 21         |
| MC1-3             | 40           | 19         | MC8-8      | 45           | NC         |
| MC1-2             | 41           | NC         | MC8-9      | 44           | NC         |
| MC1-1             | 42           | NC         | VCC        | 43           | 40         |

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(11)Xilinx EPLD7318/36/54(44 PINs PLCC) FOR PC-UPROG

[Note]:1. All PLCC NC pins need connect to TEXTTOOL GND(pin20).

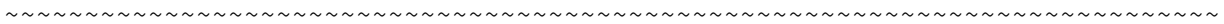
CONNECTION TABLE:					
PIN/Signal Names	44-Lead PLCC SOCKET	40-Pin DIP Base	PIN/Signal Names	44-Lead PLCC SOCKET	40-Pin DIP Base
I/FO/FI/MR	1	1	I/FO/FI	44	39
I/FO/FI	2	2	I/FO/FI	43	NC
I/FO/FI	3	3	I/FI	42	32
I/FO/FI	4	4	VCCINT	41	31
FO/FCLK0	5	NC	FO/FOE0	40	NC
FO/FCLK1	6	NC	FO/FOE1	39	NC
I/FO/FI	7	7	I/FO	38	38
I/FO	8	8	I/FO	37	37
I/FO	9	9	I/FO	36	36
GND	10	20	I/FO	35	35
I/FO	11	11	I/FO	34	34
I/FO	12	12	I/FO	33	33
I/FO	13	13	VCCIO	32	40
I/FO	14	14	GND	31	20
I/FO	15	15	I/FO	30	30
I/FO	16	NC	I/FO	29	29
I/FO	17	17	I/FI	28	28
I/FO/FI	18	18	I/FO	27	27
I/FO/FI	19	19	I/FO	26	26
I/FO/FI	20	21	I/FO	25	25
VCCINT	21	40	I/FO	24	24
I/FO	22	22	GND	23	20

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(12)Xilinx EPLD7354(68 PINs PLCC)

[Note]:1. All PLCC NC pins need connect to DIP GND(pin20).

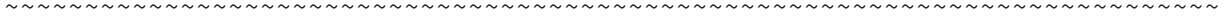
| CONNECTION TABLE: |                     |                 |                  |                     |                 |
|-------------------|---------------------|-----------------|------------------|---------------------|-----------------|
| PIN/Signal Names  | 68-Lead PLCC SOCKET | 40-Pin DIP Base | PIN/Signal Names | 68-Lead PLCC SOCKET | 40-Pin DIP Base |
| I/FI/MR           | 1                   | 1               | I/FI             | 68                  | 39              |
| I/FI              | 2                   | 2               | I/FI             | 67                  | NC              |
| I/FI              | 3                   | 3               | I/FO             | 66                  | NC              |
| I/FO              | 4                   | NC              | I/FI             | 65                  | 38              |
| I/FI              | 5                   | 4               | O/FOE1           | 64                  | NC              |
| I/O/FI            | 6                   | NC              | VCCINT/VPP       | 63                  | 37              |
| GND               | 7                   | 20              | O/FOE0           | 62                  | NC              |
| O/FCLK0           | 8                   | NC              | O/CKEN1          | 61                  | NC              |
| O/FCLK1           | 9                   | NC              | O/CKEN0          | 60                  | NC              |
| O/FCLK2           | 10                  | NC              | VCCINT           | 59                  | 40              |
| I/FI              | 11                  | 5               | I/FO             | 58                  | 34              |
| I/FO              | 12                  | 6               | I/FO             | 57                  | 33              |
| I/FO              | 13                  | 7               | I/FO             | 56                  | 32              |
| GND               | 14                  | 20              | I/FO             | 55                  | 31              |
| I/FO              | 15                  | 8               | I/O              | 54                  | NC              |
| I/O               | 16                  | NC              | I/O              | 53                  | NC              |
| I/FO              | 17                  | 9               | I/FO             | 52                  | 29              |
| I/O               | 18                  | NC              | I/FO             | 51                  | 28              |
| I/FO              | 19                  | 10              | VCCIO            | 50                  | 40              |
| VCCIO             | 20                  | 40              | GND              | 49                  | 20              |
| I/FO              | 21                  | 12              | I/FO             | 48                  | 27              |
| I/FO              | 22                  | 13              | I/O/FI           | 47                  | NC              |
| I/FO              | 23                  | NC              | I/FO             | 46                  | 26              |
| I/O/FI            | 24                  | NC              | I/O/FI           | 45                  | NC              |
| I/O/FI            | 25                  | 14              | I/O/FI           | 44                  | NC              |
| I/O/FI            | 26                  | NC              | I/FI             | 43                  | 25              |
| I/O/FI            | 27                  | 15              | I/O/FI           | 42                  | 24              |
| I/O/FI            | 28                  | 16              | GND              | 41                  | 20              |
| I/O/FI            | 29                  | 17              | I/O/FI           | 40                  | 23              |
| VCCINT            | 30                  | 40              | I/O/FI           | 39                  | 22              |
| I/O/FI            | 31                  | 18              | I/O              | 38                  | NC              |
| I/O               | 32                  | NC              | I/O              | 37                  | NC              |
| I/O               | 33                  | NC              | I/O/FI           | 36                  | 21              |
| GND               | 34                  | 20              | I/O              | 35                  | NC              |



(13) MICROCHIP PIC16C64/16C74

[Note]:1. Suggest add a tantalum capacitor 0.1uf between pin 11,12(DIP).

| CONNECTION TABLE: |                    |                 |                  |                    |                 |
|-------------------|--------------------|-----------------|------------------|--------------------|-----------------|
| PIN/Signal Names  | 40-Lead DIP SOCKET | 40-Pin DIP Base | PIN/Signal Names | 40-Lead DIP SOCKET | 40-Pin DIP Base |
| MCLR/VPP          | 1                  | 1               | RB7              | 40                 | 32              |
| RA0               | 2                  | 2               | RB6              | 39                 | 39              |
| RA1               | 3                  | 3               | RB5              | 38                 | 38              |
| RA2               | 4                  | 4               | RB4              | 37                 | 37              |
| RA3               | 5                  | 5               | RB3              | 36                 | 36              |
| RA4/TOCKI         | 6                  | 6               | RB2              | 35                 | 35              |
| RA5/SS            | 7                  | NC              | RB1              | 34                 | 34              |
| RE0/RD            | 8                  | NC              | RB0/INT          | 33                 | 33              |
| RE1/WR            | 9                  | NC              | VDD              | 32                 | 40              |
| RE2/CS            | 10                 | NC              | VSS              | 31                 | 20              |
| VDD               | 11                 | 40              | RD7/PSP7         | 30                 | NC              |
| VSS               | 12                 | 20              | RD6/PSP6         | 29                 | NC              |
| OSC1/CLKIN        | 13                 | NC              | RD5/PSP5         | 28                 | NC              |
| OSC2/CLKOUT       | 14                 | NC              | RD4/MP4          | 27                 | NC              |
| RC0/T1CKI         | 15                 | NC              | RC7              | 26                 | NC              |
| RC1/T1CKO         | 16                 | NC              | RC6              | 25                 | NC              |
| RC2/CCP1          | 17                 | NC              | RC5/SDO          | 24                 | NC              |
| RC3/SCK/SCL       | 18                 | NC              | RC4/SDI          | 23                 | NC              |
| RD0/PSP0          | 19                 | NC              | RD3/PSP3         | 22                 | NC              |
| RD1/PSP1          | 20                 | NC              | RD2/PSP2         | 21                 | NC              |



(14) Philips/Sigmetics 87C552 (68 PINs PLCC)

| CONNECTION TABLE: |                     |                 |                  |                     |                 |
|-------------------|---------------------|-----------------|------------------|---------------------|-----------------|
| PIN/Signal Names  | 68-Lead PLCC SOCKET | 40-Pin DIP Base | PIN/Signal Names | 68-Lead PLCC SOCKET | 40-Pin DIP Base |
| P5.0              | 1                   | NC              | P5.1             | 68                  | NC              |
| VDD               | 2                   | 40              | P5.2             | 67                  | NC              |
| STADC             | 3                   | NC              | P5.3             | 66                  | NC              |
| PWM0              | 4                   | NC              | P5.4             | 65                  | NC              |
| PWM1              | 5                   | NC              | P5.5             | 64                  | NC              |
| EW                | 6                   | NC              | P5.6             | 63                  | NC              |
| P4.0              | 7                   | NC              | P5.7             | 62                  | NC              |
| P4.1              | 8                   | NC              | AVDD             | 61                  | NC              |
| P4.2              | 9                   | NC              | AVSS             | 60                  | NC              |
| P4.3              | 10                  | NC              | AVref+           | 59                  | NC              |
| P4.4              | 11                  | NC              | AVref-           | 58                  | NC              |
| P4.5              | 12                  | NC              | P0.0/D0          | 57                  | 39              |
| P4.6              | 13                  | NC              | P0.1/D1          | 56                  | 38              |
| P4.7              | 14                  | NC              | P0.2/D2          | 55                  | 37              |
| RST               | 15                  | 9               | P0.3/D3          | 54                  | 36              |
| P1.0              | 16                  | 1               | P0.4/D4          | 53                  | 35              |
| P1.1              | 17                  | 2               | P0.5/D5          | 52                  | 34              |
| P1.2              | 18                  | 3               | P0.6/D6          | 51                  | 33              |
| P1.3              | 19                  | 4               | P0.7/D7          | 50                  | 32              |
| P1.4              | 20                  | 5               | EA/VPP           | 49                  | 31              |
| P1.5              | 21                  | 6               | ALE/PROG         | 48                  | 30              |
| P1.6              | 22                  | 7               | PSEN             | 47                  | 29              |
| P1.7              | 23                  | 8               | P2.7             | 46                  | 28              |
| P3.0              | 24                  | 10              | P2.6             | 45                  | 27              |
| P3.1              | 25                  | 11              | P2.5             | 44                  | 26              |
| P3.2              | 26                  | 12              | P2.4             | 43                  | 25              |
| P3.3              | 27                  | 13              | P2.3             | 42                  | 24              |
| P3.4              | 28                  | 14              | P2.2             | 41                  | 23              |
| P3.5              | 29                  | 15              | P2.1             | 40                  | 22              |
| P3.6              | 30                  | 16              | P2.0             | 39                  | 21              |
| P3.7              | 31                  | 17              | NC               | 38                  | NC              |
| NC                | 32                  | NC              | VSS              | 37                  | 20              |
| NC                | 33                  | NC              | VSS              | 36                  | 20              |
| XLAT2             | 34                  | 18              | XLAT1            | 35                  | 19              |

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(15) Philips/Sigmetics 87C592 (68 PINs PLCC)

CONNECTION TABLE:					
PIN/Signal	68-Lead PLCC	40-Pin DIP	PIN/Signal	68-Lead PLCC	40-Pin DIP
Names	SOCKET	Base	Names	SOCKET	Base
P5.0	1	NC	P5.1	68	NC
VDD	2	40	P5.2	67	NC
STADC	3	NC	P5.3	66	NC
PWM0	4	NC	P5.4	65	NC
PWM1	5	NC	P5.5	64	NC
EW	6	NC	P5.6	63	NC
P4.0	7	NC	P5.7	62	NC
P4.1	8	NC	AVDD	61	NC
P4.2	9	NC	AVSS	60	NC
P4.3	10	NC	AVref+	59	NC
P4.4	11	NC	AVref-	58	NC
P4.5	12	NC	CRX0	57	NC
P4.6	13	NC	CRX1	56	NC
P4.7	14	NC	REF	55	NC
RST	15	15	P0.0/D0	54	39
P1.0	16	7	P0.1/D1	53	38
P1.1	17	8	P0.2/D2	52	37
P1.2	18	9	P0.3/D3	51	36
P1.3	19	10	P0.4/D4	50	35
P1.4	20	11	P0.5/D5	49	34
P1.5	21	12	P0.6/D6	48	33
CVSS	22	NC	P0.7/D7	47	32
P1.6	23	13	EA/VPP	46	31
P1.7	24	14	ALE/PROG	45	30
P3.0	25	NC	PSEN	44	29
P3.1	26	NC	P2.7	43	28
P3.2	27	NC	P2.6	42	27
P3.3	28	NC	P2.5	41	26
P3.4	29	NC	P2.4	40	25
P3.5	30	NC	P2.3	39	24
P3.6	31	16	P2.2	38	23
P3.7	32	17	P2.1	37	22
XLAT2	33	2	P2.0	36	21
XLAT1	34	3	VSS	35	20

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(16)MACH120/220(68 PINs PLCC)

- [Note]:1.All NC pins need connect 10k resistor before wiring to DIP  
GND(pin14).  
2. Suggest add a tantalum capacitor 1uf between pin 14,28(DIP).

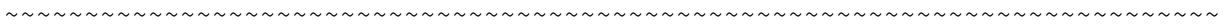
| CONNECTION TABLE: |              |            |            |              |            |
|-------------------|--------------|------------|------------|--------------|------------|
| PIN/Signal        | 68-Lead PLCC | 28-Pin DIP | PIN/Signal | 68-Lead PLCC | 28-Pin DIP |
| Names             | SOCKET       | Base       | Names      | SOCKET       | Base       |
| GND               | 1            | 14         | VCC        | 68           | 28         |
| I/O0              | 2            | NC         | I/O47      | 67           | NC         |
| I/O1              | 3            | NC         | I/O46      | 66           | NC         |
| I/O2              | 4            | NC         | I/O45      | 65           | NC         |
| I/O3              | 5            | NC         | I/O44      | 64           | NC         |
| I/O4              | 6            | NC         | I/O43      | 63           | 24         |
| I/O5              | 7            | 5          | I/O42      | 62           | 23         |
| GND               | 8            | 14         | GND        | 61           | 14         |
| I/O6              | 9            | 2          | I/O41      | 60           | 27         |
| I/O7              | 10           | NC         | I/O40      | 59           | NC         |
| I/O8              | 11           | NC         | I/O39      | 58           | NC         |
| I/O9              | 12           | NC         | I/O38      | 57           | NC         |
| I/O10             | 13           | NC         | I/O37      | 56           | NC         |
| I/O11             | 14           | 1          | I/O36      | 55           | 22         |
| CLK0/I0           | 15           | NC         | I7         | 54           | 21         |
| CLK1/I1           | 16           | 6          | GND        | 53           | 14         |
| I2                | 17           | 7          | VCC        | 52           | 28         |
| VCC               | 18           | 28         | I6         | 51           | 20         |
| GND               | 19           | 14         | CLK3/I5    | 50           | 19         |
| I3                | 20           | 8          | CLK2/I4    | 49           | NC         |
| I/O12             | 21           | 9          | I/O35      | 48           | 18         |
| I/O13             | 22           | 10         | I/O34      | 47           | NC         |
| I/O14             | 23           | NC         | I/O33      | 46           | NC         |
| I/O15             | 24           | NC         | I/O32      | 45           | NC         |
| I/O16             | 25           | NC         | I/O31      | 44           | NC         |
| I/O17             | 26           | 11         | I/O30      | 43           | 17         |
| GND               | 27           | 14         | GND        | 42           | 14         |
| I/O18             | 28           | 12         | I/O29      | 41           | 16         |
| I/O19             | 29           | 13         | I/O28      | 40           | NC         |
| I/O20             | 30           | NC         | I/O27      | 39           | NC         |
| I/O21             | 31           | 15         | I/O26      | 38           | NC         |
| I/O22             | 32           | NC         | I/O25      | 37           | NC         |
| I/O23             | 33           | NC         | I/O24      | 36           | NC         |
| VCC               | 34           | 28         | GND        | 35           | 14         |



(17)MACH130/230(84 PINs PLCC)

- [Note]:1.All NC pins need connect 10k resistor before wiring to DIP  
GND(pin12).  
2. Suggest add a tantalum capacitor 1uf between pin 12,24(DIP).

| CONNECTION TABLE: |              |            | CONNECTION TABLE: |              |            |
|-------------------|--------------|------------|-------------------|--------------|------------|
| PIN/Signal        | 84-Lead PLCC | 24-Pin DIP | PIN/Signal        | 84-Lead PLCC | 24-Pin DIP |
| Names             | SOCKET       | Base       | Names             | SOCKET       | Base       |
| GND               | 1            | 12         | VCC               | 84           | 22         |
| VCC               | 2            | 22         | I5                | 83           | 23         |
| I/O0              | 3            | NC         | I/O63             | 82           | NC         |
| I/O1              | 4            | NC         | I/O62             | 81           | NC         |
| I/O2              | 5            | NC         | I/O61             | 80           | NC         |
| I/O3              | 6            | NC         | I/O60             | 79           | NC         |
| I/O4              | 7            | NC         | I/O59             | 78           | NC         |
| I/O5              | 8            | NC         | I/O58             | 77           | NC         |
| I/O6              | 9            | NC         | I/O57             | 76           | NC         |
| I/O7              | 10           | 1          | I/O56             | 75           | 21         |
| GND               | 11           | 12         | GND               | 74           | 12         |
| I/O8              | 12           | 2          | I/O55             | 73           | 20         |
| I/O9              | 13           | NC         | I/O54             | 72           | NC         |
| I/O10             | 14           | NC         | I/O53             | 71           | NC         |
| I/O11             | 15           | NC         | I/O52             | 70           | NC         |
| I/O12             | 16           | NC         | I/O51             | 69           | NC         |
| I/O13             | 17           | NC         | I/O50             | 68           | NC         |
| I/O14             | 18           | NC         | I/O49             | 67           | NC         |
| I/O15             | 19           | 3          | I/O48             | 66           | 19         |
| CLK1/I0           | 20           | 4          | CLK3/I4           | 65           | 18         |
| VCC               | 21           | 22         | GND               | 64           | 12         |
| GND               | 22           | 12         | VCC               | 63           | 22         |
| CLK1/I1           | 23           | 5          | CLK2/I3           | 62           | 17         |
| I/O16             | 24           | 6          | I/O47             | 61           | 16         |
| I/O17             | 25           | 7          | I/O46             | 60           | NC         |
| I/O18             | 26           | NC         | I/O45             | 59           | NC         |
| I/O19             | 27           | NC         | I/O44             | 58           | NC         |
| I/O20             | 28           | NC         | I/O43             | 57           | NC         |
| I/O21             | 29           | NC         | I/O42             | 56           | NC         |
| I/O22             | 30           | NC         | I/O41             | 55           | NC         |
| I/O23             | 31           | 8          | I/O40             | 54           | 15         |
| GND               | 32           | 12         | GND               | 53           | 12         |
| I/O24             | 33           | 9          | I/O39             | 52           | 14         |
| I/O25             | 34           | 10         | I/O38             | 51           | NC         |
| I/O26             | 35           | NC         | I/O37             | 50           | NC         |
| I/O27             | 36           | NC         | I/O36             | 49           | NC         |
| I/O28             | 37           | NC         | I/O35             | 48           | NC         |
| I/O29             | 38           | 11         | I/O34             | 47           | NC         |
| I/O30             | 39           | NC         | I/O33             | 46           | NC         |
| I/O31             | 40           | NC         | I/O32             | 45           | NC         |
| I2                | 41           | 13         | VCC               | 44           | 22         |
| VCC               | 42           | 22         | GND               | 43           | 12         |



(18)Lattice ispLSI/PLSI 1016(44 PINs PLCC) for PC-UPROG(28 Pins)

- [Note]:1. Suggest add a tantalum capacitor 0.1uf between pin 14,28(DIP).  
 2. Add a resistor 1.5k between(1)pin 2(PLCC),5(DIP) (2)pin 11(PLCC),6(DIP).

| CONNECTION TABLE: |              |            | CONNECTION TABLE: |              |            |
|-------------------|--------------|------------|-------------------|--------------|------------|
| PIN/Signal        | 44-Lead PLCC | 28-Pin DIP | PIN/Signal        | 44-Lead PLCC | 28-Pin DIP |
| Names             | SOCKET       | Base       | Names             | SOCKET       | Base       |
| GND               | 1            | 14         | I/O23             | 44           | 18         |
| IN3               | 2            | 5          | I/O22             | 43           | NC         |
| I/O24             | 3            | 7          | I/O21             | 42           | NC         |
| I/O25             | 4            | 8          | I/O20             | 41           | NC         |
| I/O26             | 5            | 9          | I/O19             | 40           | NC         |
| I/O27             | 6            | 10         | I/O18             | 39           | NC         |
| I/O28             | 7            | NC         | I/O17             | 38           | 27         |
| I/O29             | 8            | 11         | I/O16             | 37           | 26         |
| I/O30             | 9            | 12         | IN2/MODE          | 36           | 3          |
| I/O31             | 10           | 13         | Y1/RESET          | 35           | 19         |
| Y0                | 11           | 6          | VCC               | 34           | 28         |
| VCC               | 12           | 28         | Y2/SCLK           | 33           | 1          |
| ispEN/NC          | 13           | 4          | I/O15             | 32           | 25         |
| SDI/IN0           | 14           | 2          | I/O14             | 31           | 24         |
| I/O0              | 15           | NC         | I/O13             | 30           | 23         |
| I/O1              | 16           | NC         | I/O12             | 29           | 22         |
| I/O2              | 17           | 16         | I/O11             | 28           | 21         |
| I/O3              | 18           | NC         | I/O10             | 27           | NC         |
| I/O4              | 19           | NC         | I/O9              | 26           | NC         |
| I/O5              | 20           | NC         | I/O8              | 25           | NC         |
| I/O6              | 21           | 17         | SDO/IN1           | 24           | 15         |
| I/O7              | 22           | NC         | GND               | 23           | 14         |

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(19)Lattice ispLSI/PLSI 1024(68 PINs PLCC) for PC-UPROG(28 Pins)

- [Note]:1. Suggest add a tantalum capacitor 0.1uf between pin 14,28(DIP).  
 2. Add a resistor 1.5k between(1)pin 2(PLCC),5(DIP) (2)pin 15(PLCC),6(DIP).

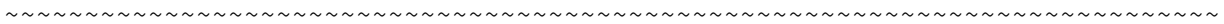
CONNECTION TABLE:			CONNECTION TABLE:		
PIN/Signal	68-Lead PLCC	28-Pin DIP	PIN/Signal	68-Lead PLCC	28-Pin DIP
Names	SOCKET	Base	Names	SOCKET	Base
GND	1	14	VCC	68	28
IN4	2	5	I/O35	67	18
I/O36	3	NC	I/O34	66	NC
I/O37	4	NC	I/O33	65	NC
I/O38	5	7	I/O32	64	NC
I/O39	6	NC	I/O31	63	NC
I/O40	7	NC	I/O30	62	NC
I/O41	8	NC	I/O29	61	NC
I/O42	9	8	I/O28	60	NC
I/O43	10	9	I/O27	59	NC
I/O44	11	10	I/O26	58	NC
I/O45	12	11	I/O25	57	NC
I/O46	13	12	I/O24	56	NC
I/O47	14	13	IN3/MODE	55	3
IN5	15	6	Y1	54	21
Y0	16	20	VCC	53	28
VCC	17	28	GND	52	14
GND	18	14	Y2	51	22
ispEN/NC	19	4	Y3	50	23
RESET	20	19	IN2/SCLK	49	1
SDI/IN0	21	2	I/O23	48	NC
I/O0	22	NC	I/O22	47	27
I/O1	23	NC	I/O21	46	26
I/O2	24	16	I/O20	45	25
I/O3	25	NC	I/O19	44	24
I/O4	26	NC	I/O18	43	NC
I/O5	27	NC	I/O17	42	NC
I/O6	28	NC	I/O16	41	NC
I/O7	29	NC	I/O15	40	NC
I/O8	30	NC	I/O14	39	NC
I/O9	31	NC	I/O13	38	NC
I/O10	32	NC	I/O12	37	NC
I/O11	33	17	VCC	36	28
SDO/IN1	34	15	GND	35	14



(20)Lattice ispLSI/PLSI 1032(84 PINs PLCC) for PC-UPROG(28 Pins)

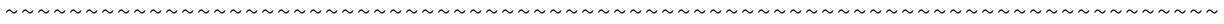
- [Note]:1. Suggest add a tantalum capacitor 0.1uf between pin 14,28(DIP).  
 2. Add a resistor 1.5k between(1)pin 2(PLCC),5(DIP) (2)pin 19(PLCC),6(DIP).

CONNECTION TABLE:			CONNECTION TABLE:		
PIN/Signal 84-Lead PLCC 28-Pin DIP			PIN/Signal 84-Lead PLCC 28-Pin DIP		
Names	SOCKET	Base	Names	SOCKET	Base
GND	1	14	IN5	84	NC
IN6	2	5	I/O47	83	18
I/O48	3	NC	I/O46	82	NC
I/O49	4	NC	I/O45	81	NC
I/O50	5	7	I/O44	80	NC
I/O51	6	NC	I/O43	79	NC
I/O52	7	NC	I/O42	78	NC
I/O53	8	NC	I/O41	77	NC
I/O54	9	NC	I/O40	76	NC
I/O55	10	NC	I/O39	75	NC
I/O56	11	NC	I/O38	74	NC
I/O57	12	8	I/O37	73	NC
I/O58	13	9	I/O36	72	NC
I/O59	14	10	I/O35	71	NC
I/O60	15	11	I/O34	70	NC
I/O61	16	12	I/O33	69	NC
I/O62	17	13	I/O32	68	NC
I/O63	18	NC	IN4	67	NC
IN7	19	6	Y1	66	NC
Y0	20	NC	VCC	65	28
VCC	21	28	GND	64	14
GND	22	14	Y2	63	NC
ispEN/NC	23	4	Y3	62	NC
RESET	24	NC	IN3/SCLK	61	1
SDI/INO	25	2	I/O31	60	NC
I/O0	26	NC	I/O30	59	NC
I/O1	27	NC	I/O29	58	27
I/O2	28	16	I/O28	57	26
I/O3	29	NC	I/O27	56	25
I/O4	30	NC	I/O26	55	24
I/O5	31	NC	I/O25	54	23
I/O6	32	NC	I/O24	53	22
I/O7	33	NC	I/O23	52	21
I/O8	34	NC	I/O22	51	20
I/O9	35	NC	I/O21	50	19
I/O10	36	NC	I/O20	49	NC
I/O11	37	NC	I/O19	48	NC
I/O12	38	NC	I/O18	47	NC
I/O13	39	NC	I/O17	46	NC
I/O14	40	NC	I/O16	45	NC
I/O15	41	17	SDO/IN2	44	15
MODE/IN1	42	3	GND	43	14



(21)Altera EPM1800/10/30(68 PINs PLCC)

CONNECTION TABLE:					
PIN/Signal	68-Lead PLCC	40-Pin DIP	PIN/Signal	68-Lead PLCC	40-Pin DIP
Names	SOCKET	Base	Names	SOCKET	Base
GND	1	20	I/O	68	25
I/O	2	24	I/O	67	26
I/O	3	23	I/O	66	27
I/O	4	22	I/O	65	28
I/O	5	21	I/O	64	NC
I/O	6	NC	I/O	63	NC
I/O	7	NC	I/O	62	NC
I/O	8	NC	I/O	61	NC
I/O	9	NC	I/O	60	31
I/O	10	31	I/O	59	10
I/O	11	10	I/O	58	18
I/O	12	NC	I/O	57	17
I/O	13	NC	INPUT	56	16
INPUT	14	NC	INPUT	55	15
INPUT	15	NC	INPUT	54	14
INPUT	16	NC	CLK4	53	NC
CLK1	17	4	VCC	52	34
VCC	18	34	CLK3	51	NC
CLK2	19	1	INPUT	50	13
INPUT	20	9	INPUT	49	9
INPUT	21	32	INPUT	48	32
INPUT	22	2	I/O	47	30
I/O	23	30	I/O	46	29
I/O	24	29	I/O	45	12
I/O	25	12	I/O	44	11
I/O	26	11	I/O	43	NC
I/O	27	NC	I/O	42	NC
I/O	28	NC	I/O	41	NC
I/O	29	NC	I/O	40	NC
I/O	30	NC	I/O	39	NC
I/O	31	NC	I/O	38	NC
I/O	32	NC	I/O	37	NC
I/O	33	NC	I/O	36	NC
I/O	34	NC	GND	35	20



(22) Philips/Sigmetics 87C451(68 PINs PLCC) for PC-UPROG(40 Pins)

CONNECTION TABLE:					
PIN/Signal Names	68-Lead PLCC SOCKET	40-Pin DIP Base	PIN/Signal Names	68-Lead PLCC SOCKET	40-Pin DIP Base
EA/VPP	1	31	ALE/PROG	68	30
P2.0/A8	2	21	PSEN	67	29
P2.1/A9	3	22	P6.7	66	NC
P2.2/A10	4	23	P6.6	65	NC
P2.3/A11	5	24	P6.5	64	NC
P2.4/A12	6	25	P6.4	63	NC
P2.5/A13	7	26	P6.3	62	NC
P2.6	8	27	P6.2	61	NC
P2.7	9	28	P6.1	60	NC
P0.7/D7	10	32	P6.0	59	NC
P0.6/D6	11	33	AFLAG	58	NC
P0.5/D5	12	34	BFLAG	57	NC
P0.4/D4	13	35	IDS	56	NC
P0.3/D3	14	36	ODS	55	NC
P0.2/D2	15	37	GND	54	20
P0.1/D1	16	38	XLAT1	53	19
P0.0/D0	17	39	XLAT2	52	18
VCC	18	40	P5.7	51	NC
P4.7	19	NC	P5.6	50	NC
P4.6	20	NC	P5.5	49	NC
P4.5	21	NC	P5.4	48	NC
P4.4	22	NC	P5.3	47	NC
P4.3	23	NC	P5.2	46	NC
P4.2	24	NC	P5.1	45	NC
P4.1	25	NC	P5.0	44	NC
P4.0	26	NC	P3.7	43	17
A0	27	1	P3.6	42	16
A1	28	2	P3.5	41	15
A2	29	3	P3.4/A14	40	14
A3	30	4	P3.3	39	13
A4	31	5	P3.2	38	12
A5	32	6	P3.1	37	11
A6	33	7	P3.0	36	10
A7	34	8	RST	35	9