

Footprints for your Project

Access using Layout Plus->Tools->Library Manager (Add libraries 8086_FOOTPRINTS and HEADER from the class webpage)

Part Description	Footprint Library	PCB Footprint	Part used in your project
Capacitors	TM_CAP_P	CPCYL1/D.200/LS.100/.031	All capacitors
7SEG LED	8086_FOOTPRINTS	LED_HDSP_H101	HDSP 101
Diodes	TM_DIODE	DAX1/DO35	All diodes
LED	TM_CYLND	CYL/D.225/LS.100/.031	All leds
Header 30x2	HEADER	TYCO.100/VH/60	60 pin header
Header 14X2	HEADER	TYCO.100/VH/30	28 pin header
Header 7X2	HEADER	TYCO.100/VH/14	14 pin header
DSUB 9	DSUBT	DSUB/RP.318/TM/9	Serial port 9 pin connector
Transistors	TO	TO18	2N2907, 2N2222
Resistors	TM_AXIAL	AX/.300X.100/.028	All resistors
Variable Resistor	8086_FOOTPRINTS	VRES1	Any pot
Tact Switch	8086_FOOTPRINTS	PTS645	PTS 645
DIP Switch	DIP100T	DIP.100/24/W.300/L1.275	12 position DIP switch
20 Pin DIP	DIP100T	DIP.100/20/W.300/L1.000	74373, 74244, 74245, 16V8, 74374
14 Pin DIP	DIP100T	DIP.100/14/W.300/L.700	7414, 7410, 7402, 7404, Most Discrete gates
40 Pin DIP (wide body)	DIP100T	DIP.100/40/W.600/L2.025	8086, 8255, 8259A, 8279, 16550
18 Pin DIP	DIP100T	DIP.100/18/W.300/L.900	8284A
24 Pin DIP (wide body)	DIP100T	DIP.100/24/W.600/L1.200	8253, MAX 235
28 Pin DIP	DIP100T	DIP.100/28/W.300/L1.400	CY7C199
32 Pin DIP (wide body)	DIP100T	DIP.100/32/W.600/L1.600	28F010
Crystal	8086_FOOTPRINTS	XTAL_FOX	Fox Crystal (15 MHz)