

CircuitShell GPC1 Component Locator

Note: Front of board shown. Parts in parentheses mount on back side of board

U1 Philips Microcontroller (P89C66X) 44 Pin PLCC Pin Assignments

1 NC/VSS	12 NC/RXD1	23 NC/VDD	34 NC/TXD1
2 P1.0/T2	13 P3.1//TXD0	24 P2.0/A8	35 EAVPP
3 P1.1/T2EX	14 P3.2/INT0	25 P2.1/A9	36 P0.7/AD7
4 P1.2/ECI	15 P3.3/INT1	26 P2.2/A10	37 P0.8/AD6
5 P1.3/CEX0	16 P3.4//T0/CEX3	27 P2.3/A11	38 P0.5/AD5
6 P1.4/CEX1	17 P3.5/T1/CEX4	28 P2.4/A12	39 P0.4/AD4
7 P1.5/CEX2	18 P3.6/WR	29 P2.5/A13	40 P0.3/AD3
8 P1.6/SCL	19 P3.7/RD	30 P2.6/A14	41 P0.2/AD2
9 P1.7/SDA	20 XTAL2	31 P2.7/A15	42 P0.1/AD1
10 RST	21 XTAL1	32 PSEN	43 P0.0/AD0
11 P3.0/RXD0	22 VSS	33 ALE	44 VCC

Compatible Devices

Device	Temp. Range	RAM	Flash
P89C660HBA	0 to 70	512	16K
P89C660HFA	-40 to 85	512	16K
P89C662HBA	0 to 70	1K	32K
P89C662HFA	-40 to 85	1K	32K
P89C664HBA	0 to 70	2K	64K
P89C664HFA	-40 to 85	2K	64K
P89C668HBA	0 to 70	8K	64K
P89C668HFA	-40 to 85	8K	64K
P89C669FA-S	-40 to 85	2K	96K

(extended memory, 2 UARTs)

