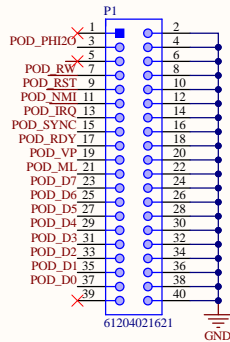
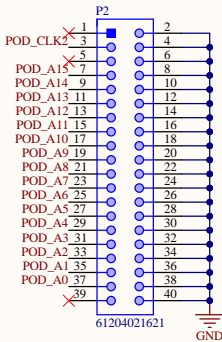


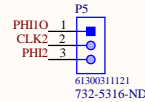
## Pod 1



## Pod 2

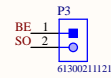


## CLK2 Selection

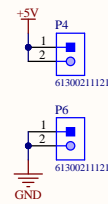


DESIGN NOTE:  
6502 functions differ as follows :  
Pin 1 : VP = GND  
Pin 5 : ML = N/C  
Pin 36 : BE = N/C

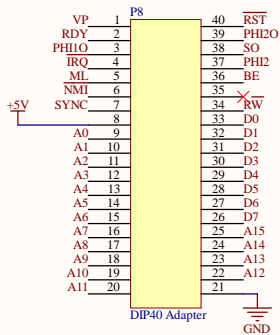
## Other Signals



## Probe Points



## CPU PCB Header

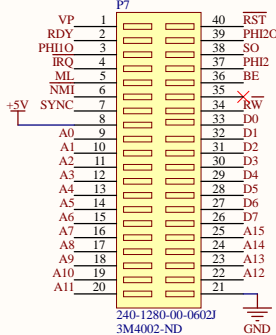


STAT bits

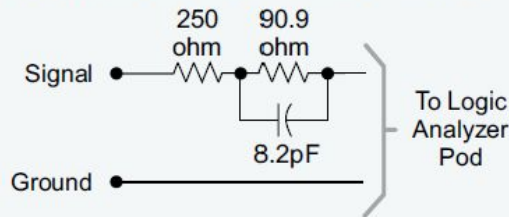
7 R/W  
6 RST  
5 NMI  
4 INT  
3 SYNC

Logic states must be clocked in on the falling edge of the 6502 Phi2o (phase-2-out) clock

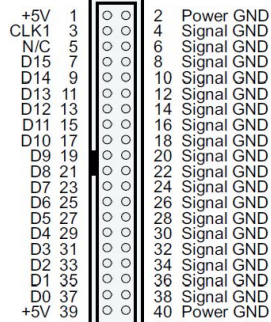
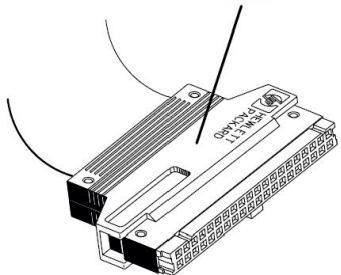
## 65C02 ZIF Socket



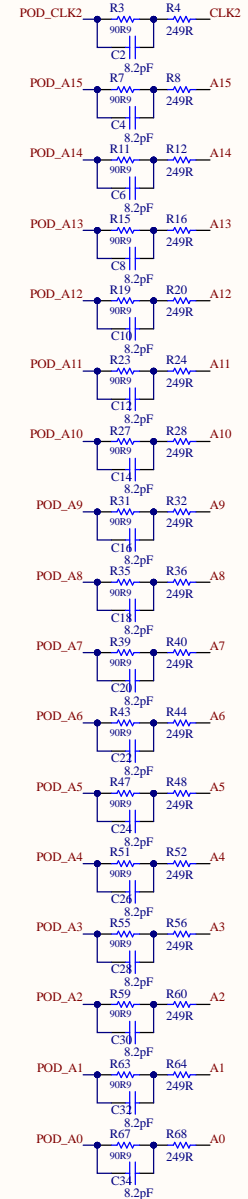
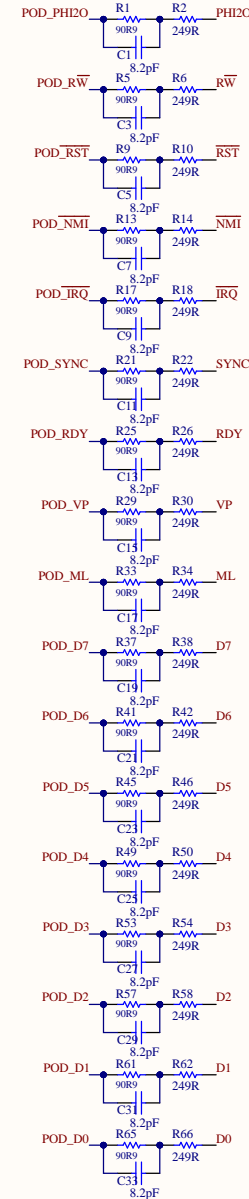
## Suggested On Board RC Network



## Logic Analyzer Pod



Target Connector Pinout  
(Top View)



Project: 6502 HP Logic Adapter

Sheet: Schematic

Drawn By: Dean Claxton  
Document No.: TBA  
Schematic File: 6502 Hp Logic Adapter.SchDoc

Date: 11/08/2021  
1 of 1

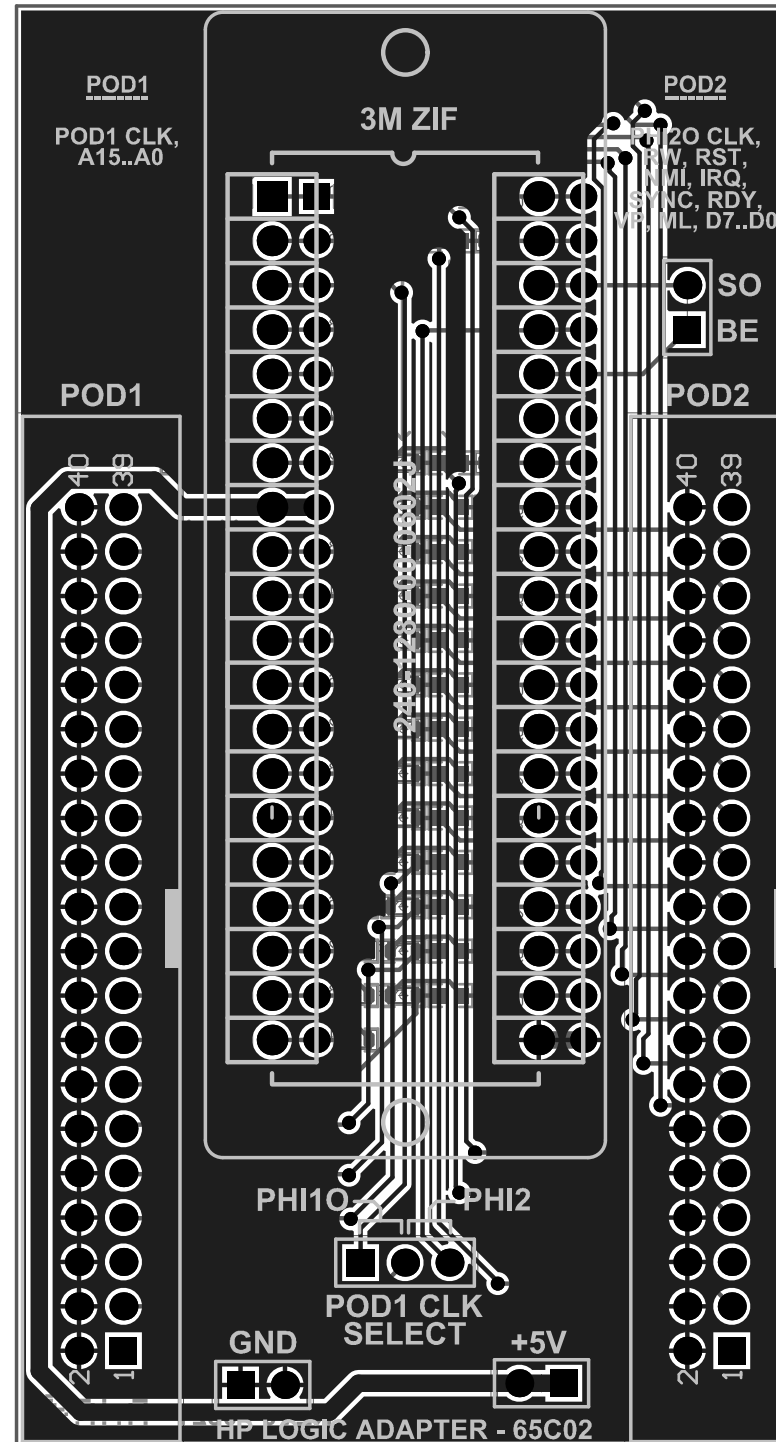
Revision  
0

Sheet Number

1 of 1

Project File: 6502 HP Logic Adapter.PrjPch





Comment	Description	Designator	Footprint	LibRef	Quantity
8.2pF	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0603 8.2pF 50volts COG +/-0.5pF	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34	CAP0603R	GRM1885C1H8R2DA01D	34
61204021621	WURTH ELEKTRONIK - 61204021621 - Wire-To-Board Connector, WR-BHD Series, Through Hole, Header, 40, 2.54 mm, Gold Plated Contacts RoHS Compliant: Yes	P1, P2	61204021621	61204021621	2
61300211121	WURTH ELEKTRONIK - 61300211121 - Pin Header, Vertical, Board-to-Board, 2.54 mm, 1 Rows, 2 Contacts, Through Hole Straight	P3, P4, P6	61300211121	61300211121	3
61300311121	Board-To-Board Connector, Vertical, Wr-Phd Series, Through Hole, Header, 3, 2.54 Mm	P5	61300311121	61300311121	1
240-1280-00-0602J	CONN IC DIP SOCKET ZIF 40POS GLD	P7	240-1280-00-0602J	240-1280-00-0602J	1
DIP40 Adapter		P8	DIP 40 PADS ONLY	DIP40 Adapter	1
90R9	Thick Film Resistors - SMD 1/10W 90.9ohm 1% AEC-Q200	R1, R3, R5, R7, R9, R11, R13, R15, R17, R19, R21, R23, R25, R27, R29, R31, R33, R35, R37, R39, R41, R43, R45, R47, R49, R51, R53, R55, R57, R59, R61, R63, R65, R67	RES0603R	AC0603FR-0790R9L	34
249R	Res Thick Film 0603 249 Ohm 1% 0.1W(1/10W) ±100ppm/C Epoxy Pad SMD T/R	R2, R4, R6, R8, R10, R12, R14, R16, R18, R20, R22, R24, R26, R28, R30, R32, R34, R36, R38, R40, R42, R44, R46, R48, R50, R52, R54, R56, R58, R60, R62, R64, R66, R68	RES0603R	RC0603FR-07249RL	34