

1581 Enhanced Bill of Materials

A B E L	VALUE	C O D E	D e s c r i p t i o n	Q u a n t i t y	M o u s e r P a r t N u m b e r	M o u s e r L i n k
C1 – C14	100nf	Code 104	Ceramic Capacitor	14	594-K104M15X7RF53H5	https://www.mouser.ca/ProductDetail/Vishay-BC-Components/K104M15X7RF53H5?qs=sGAEpiMZZMuKtU%252BJC5j7YRhtxVxZr8qLcNC3fmrk%3D
C15	10mf	Code 103	Ceramic Capacitor	1	594-K103K20X7RL5TH5	https://www.mouser.ca/ProductDetail/Vishay-BC-Components/K103K20X7RL5TH5?qs=u48tweAsGoToV7MqG2Qn%3D%3D
C16, C22	10uf Electrolytic		Electrolytic Polarized Capacitor	2	647-LKL1E100KODANA	https://www.mouser.ca/ProductDetail/Nichicon/LKL1E100KODANA?qs=Ggub2VoSp8PzQLuAk3se%252B0w%3D%3D
C20	47uf Electrolytic		Electrolytic Polarized Capacitor	1	647-LFW1E47MODD	https://www.mouser.ca/ProductDetail/Nichicon/LFW1E47MODD?qs=AAwNtLFxv8%252B2YmkgTBA%3D%3D
					75-51SD476M025JA6AE3	https://www.mouser.ca/ProductDetail/Vishay515D476M025JA6AE3?qs=hDhzCL5REibdxFcgJQO0q%3D%3D
CN1			Male Pin Header	1		https://www.ebay.com/itm/282074243111
CN2			2x17 04 pin Male Pin Header	1		https://www.ebay.com/itm/32233982405
CN3, CN4	6 pin DIN		EC Serial Port Connectors	2		https://www.ebay.com/itm/174285381609?hash=item289437dfe9:g.YmwAACSWMetdyh
CN6	4 pin DIN		1541-II Style Power Connector	1		https://www.ebay.com/itm/254570070244?hash=item3b458f00e4:g.xHAAOSWuhdYoi
J1, J3			1x2 male pin header	2		
CR4	1N4148		Diode	1	512-1N4148	https://www.mouser.ca/ProductDetail/onsemi/Fairchild1N4148?qs=sGAEpiMZZMeQao7L%2FBPyGktoIwHQz4M
EMI1,2,3,4	270pf EMI Filter			4	81-DSS1NB32A2T1Q91A	https://www.mouser.ca/ProductDetail/Murata-Electronics/DSS1NB32A2T1Q91A?qs=sGAEpiMZZMyAcTdbsQ5tjMBAP3Z%2F6w%2Fn48kkQa%3D
FB1,2,3,4,5,6			Ferrite Beads	6	205-FT-3AMB4ARLY-PF	You can scavenge ferrite beads from virtually any dead Commodore device board. https://www.ebay.com/itm/173835843423
R1, R3, R9, R10, R11	47 ohm			5	660-MF14DCTS2R47ROF	https://www.mouser.ca/ProductDetail/KOA-Speer/MF14DCTS2R47ROF?qs=sGAEpiMZZMsPqMdJzcrNu8nmYaxnOhY4BaPYoH%3D
R2, R4, R13, R14	1K			4	660-MF14DCTS2A1001F	https://www.mouser.ca/ProductDetail/KOA-Speer/MF14DCTS2A1001F?qs=sGAEpiMZZMsPqMdJzcrNwrhy%252B8H8OX%2FRxoMeUIUY%3D
R5	2.7K			1	660-MF14DCTS2R2701F	https://www.mouser.ca/ProductDetail/KOA-Speer/MF14DCTS2R2701F?qs=sGAEpiMZZMsPqMdJzcrNu8nmYaxnOhBPK1QJRUM%3D
R12	620 ohm			1	660-MF14DCTS2R6200F	https://www.mouser.ca/ProductDetail/KOA-Speer/MF14DCTS2R6200F?qs=sGAEpiMZZMsPqMdJzcrNu8nmYaxnOHBD09w4zwk%3D
R29	10K			1	660-MF14DCTS2A1002F	https://www.mouser.ca/ProductDetail/KOA-Speer/MF14DCTS2A1002F?qs=sGAEpiMZZMsPqMdJzcrNu8nmYaxnOHBD09w4zwk%3D
RP1, RP3	7x1K		Resistor Network	2	652-4608H-1LF-1K	https://www.mouser.ca/ProductDetail/Bourns/4608H-101-102LF7qskHHwwO4QecHCDD1UAa%3D%3D
			Resistor Network (alternate part)		652-4608X-1LF-1K	https://www.mouser.ca/ProductDetail/Bourns/4608X-101-102LF7qskHHwwO4QecGHTHL2Kg%3D%3D
RP2	7x2.2K		Resistor Network	1	652-4608X-1LF-2.2K	https://www.mouser.ca/ProductDetail/Bourns/4608X-101-222LF7qsk%252BX874JM1tp6PC2K2gm%3D%3D
SW1	DIP Switch, 2 position		Device selector switch	1	490-D502-254-1L-Q2BE	https://www.mouser.ca/ProductDetail/CUI-Devices/D502-254-1L-Q2BE?qs=wntHt77XstPZE7nwkyg%3D%3D
SW2	Power Switch		Salecom R8017L-R21-2 Salecom R8011L-R11-2-Q			https://www.ebay.com/itm/402027981537 https://www.jameco.com/webapp/wcs/storeservletProductDisplay?langId=-1&storeId=10001&catalogId=10001&productId=2267143
						(this switch is taller than the factory switch but cheaper and still works fine)
U1	6502A R65C02 W65C02		JP1 Closed, JP3 Open JP1 Closed, JP3 Open JP1 Opened, JP3 Closed	1 n/a n/a	955-W65C02S6TPG-14	Old Stock ??? https://www.mouser.ca/ProductDetail/Western-Design-Center-WDC/W65C02S6TPG-14?qs=sGAEpiMZZMskCSguGjGuvgFI6whR0HuASZdf21ZZWA%3D
U2	27C256 27C512		When using SINGLE kernel When using DUAL kernel	n/a 1		Standard EPROM
U3	AS6C62256-55PCN		JP2 closed	1	913-AS6C62256-55PCN	https://www.mouser.ca/ProductDetail/913-AS6C62256-55PCN
U4	D4364C WDV1772		JP2 open	n/a 1		Old Stock https://www.ebay.com/itm/391994520438?hash=item5b44b1b376:g.ANQAAOSwdJJannCM
U5	MOS8520			1		???
U6	74LS139			1	595-SN74LS139AN	Old Stock https://www.mouser.ca/ProductDetail/Texas-Instruments/SN74LS139AN?qs=3pn37ZAbK%2FHwZ2TD3HDZAw%3D%3D
U7	74LS500			1	595-SN74LS00N	https://www.mouser.ca/ProductDetail/Texas-Instruments/SN74LS00N?qs=spWSeSiOWB6G5wCF%252BZFAt%3D%3D
U8, U12	7406			2	595-SN7406N	https://www.mouser.ca/ProductDetail/Texas-Instruments/SN7406N?qs=2AZ5GCDpLCYL%2FidpLLA%3D%3D
U9	74LS14			1	595-SN74LS14N	https://www.ebay.com/itm/173670842672?hash=item28666c13d:g.FsAAOSwF1ZCKGb https://www.mouser.ca/ProductDetail/Texas-Instruments/SN74LS14N?qs=MwCqCH38cz2VDmyrnLKg%3D%3D
U10	74LS93			1	595-SN74LS93N	https://www.ebay.com/itm/29368775626?hash=item46127d18a:g.SFGAAOSwWudZg-0 https://www.mouser.ca/ProductDetail/Texas-Instruments/SN74LS93N?qs=NLAwnXKEBS6zoMduXBjw%3D%3D
U11	7407			1	595-SN7407N	https://www.mouser.ca/ProductDetail/Texas-Instruments/SN7407N?qs=sGAEpiMZZMaNtf6R2CpMZtSC0
U13	74LS241			1	595-SN74LS241N	https://www.mouser.ca/ProductDetail/Texas-Instruments/SN74LS24