

Part numbers

A list with the part numbers used by Commodore, where they stand for and in what equipment they were used.

About this list

The following list contains the part numbers used by Commodore. Because C= also uses IC's without a part number on it, you also will find chipcodes in this list. If you don't find the codes in this list, it probably is a very common IC and therefore you will find it in [Electronics](#). For more detailed info of a particular part, you have to look on this list as well.

Codes on a IC

How can you see which code on an IC is a part number? AFAIK C= used the following structure: xxxxxx-xx. Example: 901225-01.

How does a chipcode look like? That depends on the factory that produced the chips. The 2K*8 static RAM used in the 1541, VIC-20 and other devices is produced by several companies using the following codes: 6116, 2016 and 2048. Even then it is possible that this isn't the complete code. If it is RAM, a number indicating the speed follows the code.

In most cases you also will find a timestamp on the IC. In most cases it is the year plus week wherein it is produced, something like 8147 or 4781.

In some cases you also find a code which only has meaning to the factory itself.

How do you know what is what? I only can say: experience and a little bit of luck.

Explanation of the package code:

PD6-24S

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||| | |
||| | +-- S = gap between pins smaller than 0.1" (DIL-IC)
||| |     G = gap between pins greater than 0.1" (DIL-IC)
||| +---- D : number of pins
|||       S : number of pins
|||       R : number of pins long side
||+----- D : width of chip in 0.1"
||       R : number of pins small side
|+----- D = DIL (like 6510)
|       R = rectangular PLCC (like 27256 PLCC)
|       L = line (like analogue array in 1571)
|       S = square PLCC (like 8371)
|       U = square IC with pins (like 68030)
|       Z = zip-package
+----- C = ceramic (like 27128 EPROM)
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P = plastic
 B = available in C or P

If device is not given, then either the part can be found in more than one device or I don't know. I package is not given then either it cannot be used (like for a motor or sticker) or I don't know or haven't measured it yet.

Partnumber	Chipcode	Contents	Address	Device	Package
1001027-01		RF MODULATOR		VIC-20	
1010019-04		Sticker T500mA 250V		1551	
1EM301-002		DC MOTOR		1530-1531	
1EM301-003		R-W HEAD		1530-1531	
1540030-04		Sticker		1541C	
.	2016	2K*8 SRAM			PD6-24
.	2114	1K*4 SRAM			PD3-18
.	2364	8K*8 OPROM			PD6-24
251025-01		RF MODULATOR		C64	
251104-04		Kernal ROM	E000-FFFF	C64 SX	PD6-24
251257-02A		???		SFD-1001	
251527-01	see 8701				
251535-01	see 8501				
251536-01	see 8360				
251640-03	see 6529				
251641-02		7700-010 PLA			PD6-28
251641-03					PD6-28
251715-01		array WO colour-RAM		C64-II	
251750-01		Mainboard		1551	
251828-03		disk controller			PD6-40
251829-01		gate array			PD3-20
251853-01		gate array			PL-31
251854		Mainboard		1541C	
251911-01		RF modulator		Plus4	
251913-01	27128	combined Kernal/Basic			
251916-01		RF MODULATOR		C128	
251916-03		RF MODULATOR		C64-II	
251968-01	27128	System ROM 1541			PD6-28
251968-03	27128	System ROM 1541			PD6-28
252126-01	see8362				
252127-01	see8364				
252179-01		OS ROM even		A1000	
252180-01		OS ROM odd		A1000	
252371-01	see 5710				
252535-01		array WITH colour-RAM		C64-II	
252608-01					
255036-14		Sticker on back (Made in Japan)		C116	
255039-09		Sticker T 500mA 250V		1541C	
255040-24		Sticker on back (Made in England)		C16	
255050-24		Sticker on back (Made in Japan)		1551	
255054-02		Sticker "Funkentstort..."		1551	
.	2708	1K*8 EPROM			PD6-24
.	2716	2K*8 EPROM			PD6-24
.	2732	4K*8 EPROM			PD6-24
.	2764	8K*8 EPROM			PD6-28

.	27128	16K*8 EPROM		PD6-28
.	27256	32K*8 EPROM		PD6-28
.	27512	64K*8 EPROM		PD6-28
310171		metal cover expansion port	C116	
310654-03		dos v3.0, bug recognising single sided disk	1571	
310654-05		dos v3.0	1571	
310389-01	see 8722			
314592-01		SENSORS GROUP	MPS802	
315012-01	see 8721			
315014-01	see 8563			
315020-01	see 8502			
315078-02		Kernal ROM	C128	
315079-01		character ROM DIN 40 columns	C128	
315090-01		dos	1570	
315093-01		Kickstart 1.2	A500	
315093-02		Kickstart 1.3	A500	
317040-01		jack	C16	
317041-01		pirate adventure	C16	
317042-01		atomic mission	C16	
317043-01		strange adventure	C16	
317046-01		logo	8000-BFFF Plus4	
317047-01		logo	C000-FFFF Plus4	
317051-01		script/plus	8000-BFFF C16	
317052-01		script/plus	C000-FFFF C16	
317053-01		3 plus 1		PD6-28
317054-01		3 plus 1		PD6-28
318004-01	27128	Kernal ROM	C116	CD6-28
318004-04	27128	Kernal ROM	C16	PD6-28
318004-05	27128	Kernal ROM	Plus4	PD6-28
318006-01	27128	Basic ROM		BD6-28
318008-01		System ROM DOS V2.6	1551	PD6-28
318009-01	see 8566			
318012-01	see 8500			
318013-01	see 8580			
318018-02	27128	Basic ROM	4000-7FFF C128	
318018-03	27128	Basic ROM	4000-7FFF C128	
318018-04	27128	Basic ROM, upgrade	4000-7FFF C128	
318019-02	27128	Basic ROM	8000-BFFF C128	
318019-03	27128	Basic ROM	8000-BFFF C128	
318019-04	27128	Basic ROM, upgrade	8000-BFFF C128	
318020-03	27128	Kernal ROM US	C128	
318020-04	27128	Kernal ROM US	C128	
318020-05	27128	Kernal ROM US, upgrade	C128	
318022-02	27256	Basic ROM	4000-BFFF C128DCR	
318023-02	27256	Kernal ROM US + Kernal & Basic C64 mode	C128DCR	
318029-03	see 8520			
318045-01	27256	dos v10	1581	
318047-01		dos v3.1	1571CR	
318069-02	see 8372			
318071-01	see 8371			
318072-01	see 5719			
318072-02	see 5719			

318077-01	27256	Kernal ROM DIN +	C128DCR
		Kernal & Basic C64 mode	
318077-03	27256	Kernal ROM DIN +	C128DCR
		Kernal & Basic C64 mode	
324744-01			
324745-01			
325302-01	2364	ROM	C000-DFFF 1541
325303-01		ROM	1540
325340-03	6500/1	MPU	1520
325341-01		ROM	1526
325572-01		gate array	1541
380212-07		PLA	PC10
380217-01			
380715-02			
380783-01			
380784-01			
380785-01	PAL		A2000
390059-01		character ROM US 40 columns	C128
390084-01	68000	CPU 10 MHz	
390304-01		OS V2.04	A????
390307-02			
390309-01			
390336-02			
390433-02	8373R4	DENISE	
390540		FAT GARY	
390563-01		DMAC	A590
390629-01		OS V2.04	A3000
390630-01		OS V2.04	A
390852-01		Kernal & Basic ROM	C64GS
390979-01		OS V2.04	A
391010-01		ALICE	
391078-01		8520PL	
391227-01		LISA	
391388-01		OS V2.05 A600	
391424-02		GAYLE	
391523-01		OS V3.00	
.	5710	CIA-like chip	1571CR
.	5719	GARY (floppy and misc. logic)	A500
600422-75		LAG570 MOTOR CTRL.	1541C
601020-03		PAPER FEED MOTOR	MPS803
601020-95		HEAD MOTOR	MPS803
601200-48		HEAD MOTOR	MPS802
601200-53		HEAD DRIVING BELT	MPS802
604010-07		PCB ASSY MOTOR CTRL. Newtronics D500	1541C
.	6116	2K*8 SRAM	PD6-24
.	6502	CPU, 1 MHz	PD6-40
.	6502A	CPU, 2 MHz	PD6-40
.	6502B	CPU, 3 MHz	PD6-40

.	6504	CPU		PD6-28
.	6505	CPU		
.	6509	CPU		PD6-40
.	6520	PIA, Peripheral Interface Adapter 6821-clone		PD6-40
.	6522	VIA, Versatile Interface Adapter		PD6-40
.	6522A	VIA 2 MHz		
.	6523			
.	6523T	28p version of 6525		PD6-28
.	6525	TPI, Tri-Port Interface		
.	6526	CIA, Complex Interface Adapter		PD6-40
.	6526A	CIA 2 MHz		PD6-40
.	6529	PIO		PD3-20
.	6530	I/O, RAM, ROM		PD6-40
.	6532	RIOT		PD6-40
.	6545	CRT, Motorola 6845-clone		
.	6550	1K*4 SRAM		PD4-22
.	6551	ACIA		
.	6560	VIC-I NTSC	VIC-20	PD6-40
.	6561	VIC-I PAL	VIC-20	PD6-40
.	6567	VIC-II NTSC		PD6-40
.	6569	VIC-II PAL		PD6-40
.	6570-036	AMIGA keyboard controller		PD6-40
.	6581	SID		PD6-28
.	65816	CPU, 16 bit version of 6502		PD6-40
.	68000	CPU		PD9-64
.	6809	CPU		PD6-40
.	68766	EPROM Motorola equivalent of 2364		CD6-24
.	7360R7			
.	7501	CPU		PD6-40
.	8360	TED		
.	8361R3			
.	8362R8	DENISE (OCS video chip, PAL)		
.	8364R4	PAULA (audio)		
.	8364R7	PAULA (audio)		
.	8367R0	AGNUS		
.	8370	FAT AGNUS, NTSC		
.	8371	FAT AGNUS, PAL		
.	8372A	BIG FAT AGNUS		
.	8500	CPU = 6510		CD6-40
.	8501	CPU		CD6-40
.	8502	CPU	C128	
.	8520	CIA alike, 2 MHz		
.	8550	SID		
.	8551	ACIA		
.	8563R9	VDC 80 columns	C128	
.	8565R2	VIC-II	C64-II	
.	8566R3	VIC 40 columns	C128	
.	8568	VDC 80 columns	C128DCR	
.	8580	SID	C64-II	
.	8701	clock generator		
.	8721R3	PLA addressdecoder	C128	
.	8722R2	MMU	C128	

901225-01	2364	character ROM	PD6-24
901226-01	2364	Basic ROM	PD6-24
901227-03	2364	Kernal ROM	PD6-24
901229-01	2364	ROM	PD6-24
901436-01	see 6520		
901437-01	see 6522		
901438-01	see 6550		
901447-29			MMF9000
901465-01			MMF9000
901465-02			3032
901465-20			3032
MMF9000			
901465-21			3032
MMF9000			
901465-22			3032
MMF9000			
901465-23			3032
MMF9000			
901467			8050
901435-01	see 6502		
901437-01	see 6522		
901458-01	see 6532		
901460-03		character ROM	PD6-24
901482-03			8050
901482-04			8050
901482-05		upgrade of 04 ??	8050
901482-07		upgrade of 03 ??	8050
901483-04			8050
901484-03			2031LP
901484-05			2031LP
901486-01		Basic ROM	PD6-24
901486-07		Kernal ROM	PD6-24
901502-01	4066	quad analogue switch	
901522-06	7406	hex OC inverter buffer	
901522-30	7407	hex OC buffer	
901527-01	7812	12V voltage regulator	
901527-02	7805	5V voltage regulator	
901640-01		SCAND.GEN	MMF9000
901885-01	6530-47	RIOT DOS 2.7	8050
901885-04	6530-47	RIOT DOS 2.7	8050
SFD-1001			
901887-01	6530		SFD-1001
901888-01	6530		SFD-1001
901895-01	see 6551		
901896-01	see 6561		
902503-06		power supply	C64
VIC-20			
906106-01	XTAL	17.734 MHz	
906107-01	see 6510		
906108-01	see 6526		
906111-01	see 6569		
906112-01	see 6581		
906114-01	82S100	PLA	C64
906150-02	see Z80		

CO-10750	see 6532	Atari-code, surplus		
HD61J215P		array	1551	PD6-40
LC3514A-15	see 2114			
LC3517A-15	see 6116			
M2128-20	see 6116			
M58725P	see 6116			
MN50005XCA			1541C	
MSM228-15	see 6116			
TMM2016P	see 6116			
uPA2003		7 * OC inverter 1 Amp		PD3-16
Z80		CPU		PD6-40
