

128K BASIC (PRINTER BUFER LEN: 256 Bytes):

#5B00	23296	SWAP	Paging subroutine.
#5B10	23312	STOO	Paging subroutine. Entered with interrupts already disabled and AF, BC on the stack.
#5B21	23329	YOUNGER	Paging subroutine.
#5B2A	23338	REGNUOY	Paging subroutine.
#5B3A	23354	ONERR	Paging subroutine.
#5B52	23378	OLDHL	Temporary register store while switching ROMs.
#5B54	23380	OLDBC	Temporary register store while switching ROMs.
#5B56	23382	OLDAF	Temporary register store while switching ROMs.
#5B58	23384	TARGET	Subroutine address in ROM 3.
#5B5A	23386	RETADDR	Return address in ROM 1.
#5B5C	23388	BANKM	Copy port 32765 (7FFDh)
#5B5D	23389	RAMRST	RST 8 instruction. Used by ROM 1 to report old errors to ROM 3.
#5B5E	23390	RAMERR	Error number passed from ROM 1 to ROM 3. Also used by SAVE/LOAD as temporary drive store.
#5B5F	23391	BAUD	RS232 bit period in T states/26. Set by FORMAT LINE.
#5B61	23393	SERFL	Second-character-received-flag, and data.
#5B63	23395	COL	Current column from 1 to width.
#5B64	23396	WIDTH	(0-80) Paper column width.
#5B65	23397	TVPARS	Number of inline parameters expected by RS232.
#5B66	23398	FLAGS3	Bit 0 ... Calculator/Editmode Bit 1 ... BASIC-Zeile geändert Bit 2 ... RAM-Disk-File for Schreiboperationen Bit 3 ... RAM-Disk/Kassetten SLVM Bit 4 ... Load Bit 5 ... Save Bit 6 ... Merge Bit 7 ... Verify
#5B67	23399	BANK678	Copy of last byte output to I/O port 1FFDh (8189). This port is used to control the +3 extended RAM and ROM switching (bits 0..2 - if bit 0 is 0 then bit 2 controls the 'vertical' ROM switch 0-<->2 and 1-<->3), the disk motor (bit 3) and Centronics strobe (bit 4). This byte must be kept up to date with the last value output to the port if interrupts are enabled. Holds X location when using the unexpanded COPY command. Holds Y location when using the unexpanded COPY command. Old SP (stack pointer) when TSTACK is in use. Return address for ONERR. Last value printed by calculator. Typencode Lange des Blockes Current line being renumbered. Start des Blockes (10) Starting line number for renumbering Programmlänge (10) Incremental value for renumbering. Zeilennummer Holds 'T' if LOAD, VERIFY, MERGE are from tape, otherwise holds 'A', 'B' or 'M'. Holds 'T' if SAVE is to tape, otherwise holds 'A', 'B' or 'M'. Holds the number of 1/216ths user for line feeds in 'COPY EXP'. This is normally set to 9. If problems are experienced fitting a dump onto a sheet of A4 paper, POKE this location with 8. This will reduce the size of the dump and improve the aspect ratio slightly. (The quality of the dump will be marginally degraded, however.) Stripe one bitmap. alter SP, wenn TSTACK benutzt wird Zeiger auf den letzten (leeren) Eintrag in der Directory Stripe two bitmap. This extends to #5B8B (23436). Zahl der brigen Bytes (17 Bit) pdm1111 - angesprochen, Gerat, Mikro,Reihe 1 22223333 - Reihe 2, Reihe 3 44445555 - Reihe 4, Reihe 5 Returnadresse for ONERR letzter Wert, der vom Kalkulator gedruckt wurde Wert der neuen Startzeile (Wort) Schrittweite zwischen den Zeilen (Wort) Temporary stack grows down from here. Used when RAM page 7 is switched in at top of memory (while executing the editor or calling +3DOS). it may safely go down to 5B8Ch (and across STRIP1 and STRIP2 if necessary). This guarantees at least 115 bytes of stack when BASIC calls +3DOS.
#5B68	23400	XLOC	Holds X location when using the unexpanded COPY command.
#5B69	23401	YLOC	Holds Y location when using the unexpanded COPY command.
#5B6A	23402	OLDSP	Old SP (stack pointer) when TSTACK is in use.
#5B6C	23404	SYNRET	Return address for ONERR.
#5B6E	23406	LASTV	Last value printed by calculator.
#5B71	23409	HD_00	Typencode
#5B72	23410	HD_0B	Lange des Blockes
#5B73	23411	RCLINE	Current line being renumbered.
#5B74	23412	HD_0D	Start des Blockes
#5B75	23413	RCSTART	(10) Starting line number for renumbering
#5B76	23414	HD_0F	Programmlänge
#5B77	23415	RCSTEP	(10) Incremental value for renumbering.
#5B78	23416	HD_11	Zeilennummer
#5B79	23417	LODDRV	Holds 'T' if LOAD, VERIFY, MERGE are from tape, otherwise holds 'A', 'B' or 'M'. Holds 'T' if SAVE is to tape, otherwise holds 'A', 'B' or 'M'. Holds the number of 1/216ths user for line feeds in 'COPY EXP'. This is normally set to 9. If problems are experienced fitting a dump onto a sheet of A4 paper, POKE this location with 8. This will reduce the size of the dump and improve the aspect ratio slightly. (The quality of the dump will be marginally degraded, however.)
#5B7A	23418	SAVDRV	Holds 'T' if LOAD, VERIFY, MERGE are from tape, otherwise holds 'A', 'B' or 'M'. Holds 'T' if SAVE is to tape, otherwise holds 'A', 'B' or 'M'. Holds the number of 1/216ths user for line feeds in 'COPY EXP'. This is normally set to 9. If problems are experienced fitting a dump onto a sheet of A4 paper, POKE this location with 8. This will reduce the size of the dump and improve the aspect ratio slightly. (The quality of the dump will be marginally degraded, however.)
#5B7B	23419	DUMPLF	Holds the number of 1/216ths user for line feeds in 'COPY EXP'. This is normally set to 9. If problems are experienced fitting a dump onto a sheet of A4 paper, POKE this location with 8. This will reduce the size of the dump and improve the aspect ratio slightly. (The quality of the dump will be marginally degraded, however.)
#5B7C	23420	STRIP1	Stripe one bitmap.
#5B81	23425	OLDSP	alter SP, wenn TSTACK benutzt wird
#5B83	23427	SFNEXT	Zeiger auf den letzten (leeren) Eintrag in der Directory
#5B84	23428	STRIP2	Stripe two bitmap. This extends to #5B8B (23436).
#5B85	23429	SFSPACE	Zahl der brigen Bytes (17 Bit)
#5B88	23432	ROW01	pdm1111 - angesprochen, Gerat, Mikro,Reihe 1
#5B89	23433	ROW23	22223333 - Reihe 2, Reihe 3
#5B8A	23434	ROW45	44445555 - Reihe 4, Reihe 5
#5B8B	23435	SYNRET	Returnadresse for ONERR
#5B8D	23437	LASTV	letzter Wert, der vom Kalkulator gedruckt wurde
#5B92	23442	RC_LINE	Wert der neuen Startzeile (Wort)
#5B94	23444	RC_START	Schrittweite zwischen den Zeilen (Wort)
#5B96	23446	RC_STEP	Schrittweite zwischen den Zeilen (Wort)
#5BFF	23551	TSTACK	Temporary stack grows down from here. Used when RAM page 7 is switched in at top of memory (while executing the editor or calling +3DOS). it may safely go down to 5B8Ch (and across STRIP1 and STRIP2 if necessary). This guarantees at least 115 bytes of stack when BASIC calls +3DOS.

48K BASIC (LEN: 181 Bytes):

#5C00	23552	KSTATE	citanie klavesnice
#5C08	23560	LAST K	(13) posledna stlacena klavesa
#5C09	23561	REPDEL	(35) cas 1/50 sekundy za ktory ma byt stlacena klavesa, aby sa zacala opakovat
#5C0A	23562	REPPER	(5) cas 1/50 sekundy medzi opakovanim
#5C0B	23563	DEFADD	(0) adresa argumentu uzivatelom definovana funkcia
#5C0D	23565	K DATA	(0) uklada 2 bajt riadenia farby z klavesnice
#5C0E	23566	TVDATA	uklada riadenie farby, AT a TAB odosielane na obrazovku
#5C10	23568	STRMS	adresy kanalov pripojenych k prudom dat
#5C36	23606	CHARS	(0,60=#3c00) o 256 menej ako je adresa znakového suboru
#5C38	23608	RASP	(64) dlzka varovného bzucania
#5C39	23609	PIP	(30) dlzka cvaknutia klavesy
#5C3A	23610	ERR NR	(255=-1) o 1 menej ako kod chybového hlásenie
#5C3B	23611	FLAGS	priznaky BASICU
#5C3C	23612	TV FLAGS	priznaky PRINT rutiny
#5C3D	23613	ERR SP	(246,254=#fff6) adresa polozky zasobnika na navrat z chyby
#5C3F	23615	LIST SP	(0,0) adresa polozky zasobnika na navrat z auto. listingu
#5C41	23617	MODE	(0) specifikuje kurzor K,L=0,C=8,E a G
#5C42	23618	NEWPPC	(4,0) riadok na ktory sa ma skocit
#5C44	23620	NSPPC	(255) cislo prikazu v riadku NEWPPC
#5C45	23621	PPC	(7) cislo riadku, ktory sa prave kona
#5C47	23623	SUBPPC	(1) poradove cislo prikazu, ktory sa prave kona
#5C48	23624	BORDCR	(56) farba BORDER+8; atributy pre dialogovy riadok
#5C49	23625	E PPC	cislo prave konaného aktívneho riadku s kurzorom
#5C4B	23627	VARS	(215,93=#5dd7) adresa tabulky premenych LET n=
#5C4D	23629	DEST	adresa premennej pri jej vyhodnocovaní
#5C4F	23631	CHANS	adresa datového kanalu
#5C51	23633	CURCHL	adresa aktualného datového kanala
#5C53	23635	PROG	(59,93=#5d3b) adresa zaciatku BASICovskeho programu
#5C55	23637	NTXLIN	adresa nasledujúceho riadku v programe
#5C57	23639	DATADD	adresa ciarky za poslednou datovou polozkou v riadku DATA, ktora bola precitana READ
#5C59	23641	E LINE	(216,93=#5dd8) adresa prave vkladaneho programoveho riadku, povelu
#5C5B	23643	K CUR	(217) adresa kurzoru

#5C5D	23645	CHADD	adresa nasledujúceho znaku, ktory ma byt interpretovany
#5C5F	23647	X PTR	adresa prveho znaku v ktorom je syntakticka chyba; znak: "?"
#5C61	23649	WORKSP	adresa oblasti pracovneho priestoru
#5C63	23651	STKBOT	adresa dne kalkulátorového zasobniku
#5C65	23653	STKEND	adresa zaciatku volneho miesta
#5C67	23655	BREG	B register kalkulatora
#5C68	23656	MEM	adresa zaciatku kalkulátorového zasobnika (obvykle MEM BOT)
#5C6A	23658	FLAGS2	doplnuje BASIC priznaky
#5C6B	23659	DF SZ	(2) pocet riadkov vratane jedneho cisteho dialogoveho riadku
#5C6C	23660	S TOP	cislo prog. riadky, ktora bude zobrazena ako prva pri automatickom vypise
#5C6E	23662	OLDPPC	poradove cislo riadku na ktory skace CONTINUE
#5C71	23665	FLAGX	treti bajt priznakov BASIC
#5C72	23666	STRLEN	dlzka prave vyhodnocovaneho retazca
#5C74	23668	T ADDR	adresa nasledujúceho polozky v syntaxnej tabulke (nepravdepodobne vyuzitie)
#5C76	23670	SEED	zdrojove cislo pre RND. Nadstavuje RANDOMIZE n
#5C78	23672	FRAMES	3 bajtovy citac televiznych polnosimkov. Narasta kazdych 20 ms
#5C7B	23675	UDG	(88,255=#fff8) adresa "uzivatelom definovanej grafiky"
#5C7D	23677	COORDS	x-ova suradnica posledneho PLOT bodu
#5C7E	23678		y-nova suradnica posledneho PLOT bodu
#5C7F	23679	P POSN	cislo jedneho z 33 stlpcov tlačovej pozicie PRINT
#5C80	23680	PR CC	(1,91=#5b01) adresa buferu LPRINT
#5C82	23682	ECHO E	cislo jedneho z 33 stlpcov a
#5C84	23684	DF CC	jednych z 24 riadkov (v dialogovom riadku) urcujuci koniec vystupneho buferu
#5C86	23686	DFCC	adresa pozicie PRINT v registre obrazovky
#5C88	23688	S POSN	ako DF CC pre dialogovy riadok
#5C89	23889		cislo jedneho z 33 stlpcov pre PRINT (opacne cislovanie)
#5C8A	23690	SPOSNL	cislo jedneho z 24 riadkov pre PRINT (opacne cislovanie)
#5C8C	23692	SCR CT	ako S POSN pre dialogovy riadok
#5C8D	23693	ATTR P	(1) scroll počítadlo +1
#5C8E	23694	MASK P	(56) trvalo aktivne atributy FLASH,BRIGHT,PAPER a INK
#5C8F	23695	ATTR T	(56) bit 1 znamena, ze dany bit farby sa neberie z ATTR ale z obrazovky
#5C90	23696	MASK T	(56) dočasne aktivne atributy FLASH,BRIGHT,PAPER a INK
#5C91	23697	P FLAG	(56) dočasne bit 1 znamena, ze dany bit farby sa neberie z ATTR ale z obr.
#5C92	23698	MEMBOT	atributy tlace PAPER,INK,INVERSE a OVER
#5CB0	23728	NMIADD	oblast pameti kalkulacky, pouzite pre ulozenie cisel, ktore nemohli byt ulozene do zasobniku
#5CB2	23730	RAMTOP	adresa NMI (SPECTRUM 128K, DIDAKTIK GAMA)
#5CB7	23732	P-RAMT	(132,96=#6084) adresa posledneho bajtu BASIC
			(255,255=#fff) adresa posledneho bajtu fyzickej RAM

BETADISK 128 (23755-23866 LEN: 112 Bytes):

#5CB6	23734	Interface 1	
#5CC2	23746	WITH_RET	#C9 RET for SOS ROM
#5CC8	23752	DRIVE_A	7bit=80/40trscak 6bit=DD/Tr-Dos must use 80-tracks drive as 40-tracks
#5CCA	23754	DRIVE_C	7bit=80/40trscak 6bit=DD/Tr-Dos must use 80-tracks drive as 40-tracks
#5CCC	23756	CAT_SEC	sector
#5CCD	23757	READY	#80 - disk drive ready
#5CCE	23758	RW_FLAG	#00 - sector reading #FF - sector writing
#5CCF	23759		temp STACK_SP variable
#5CD1	23761	START	riadok startu basicu, 0 nastartuje
#5CD4	23764		Number of deleted file for MOVE command
#5CD5	23765		Sector number of first sector of deleted file for MOVE command
#5CD6	23766	SC_00	Track number of first track of deleted file for MOVE command
#5CD7	23767	SC_0B	Used to store "start" parameter of and <C> files
#5CD9	23769	SC_0D	Analog of CH_ADD system variable
#5CDB	23771	SC_0E	Contains size of the program
#5CDD	23773	HEAD	name file
#5CE5	23781	TYPE	type file <C>
#5CE6	23782	START	start address file
#5CE8	23784	SIZE_B	size file bytes
#5CEA	23786	SIZE_S	size file sectors long 256B
#5CEB	23787	FIRST_S	first sector
#5CEC	23788	FIRST_TR	first track
#5CED	23789	DRIVE T	(0-3) dočasna mechanika/Start address for <C> files
#5CEF	23791	I1_FLAG	File lenght in bytes / Interface1
#5CF1	23793	?	File size in 256 bytes long sectors
#5CF2	23794		first sector 0-15
#5CF3	23795		first track 0-160
#5CF4	23796	CUR_SEC	nasledujuci sector+1
#5CF5	23797	CUR_TRK	nasledujuca stopa+1
#5CF6	23798	TMP_DRIVE	
#5CF8	23800	?	Drive number for operations over two files
#5CF9	23801	DRIVE	Drive number for operations over two files
#5CFA	23802	RATE_A	Stepping rate for disk drive "A"
#5CFB	23803	RATE_B	Stepping rate for disk drive "B"
#5CFC	23804	RATE_C	Stepping rate for disk drive "C"
#5CFD	23805	RATE_D	Stepping rate for disk drive "D"
#5CFE	23806	CTRL_COM	Code of last issued FDC command
#5CFF	23807	SEC_RW	Sector number for sector read/write Tr-Dos functions
#5D00	23808	BUFFER	adresa buferu služby READ #05 #06
#5D02	23810	SAVE_HL	
#5D04	23812	SAVE_DE	
#5D06	23814	NAME_LENGTH	počet znakov služby HEADSEEK #0A
#5D07	23815	N_DELETED	Number of deleted files
#5D08	23816	FIRST_CHAR	First symbol of the file name for Tr-Dos #12 function
#5D09	23817	?	
#5D0C	23820	BUFF_FLAG	#00 - no buffer exist, #FF - buffer exist
#5D0D	23821	?	Temporary file number for double drive file copying
#5D0E	23822	COM_FLAG	Command mode: #FF - BASIC, any other - Tr-Dos
#5D0F	23823	NUMHEAD	TRDOS_ERR - cislo hlavickeho suboru (obsah BC reg. po službe DOSU)
#5D10	23824	?	MSB of Tr-Dos error code
#5D11	23825	COM_ADDR	Address of command line for Tr-Dos
#5D13	23827	ERROR_SP	Copy of ERR_SP system variable; If MSB = #AA then RUN "boot"
#5D15	23829	MESS_FLAG	If there #00 then show Tr-Dos screen
#5D16	23830	SYS_REG	Copy of System register (mechanika A:3c,B:3d,C:3e,D:3f)
#5D17	23831	?	If not equal #AA then show Tr-Dos title
#5D18	23832	SWAP_FLAG	#FF Memory 23747-23859 will be swapped
#5D19	23833	DEFAULT_DRV(0-3)	cislo mechaniky
#5D1A	23834	EXIT_ADDR	Internal address of finishing procedure
#5D1C	23836	SAVE_SP	
#5D1E	23838	FILE_NR	File number if it was found by Tr-Dos #0A find file function
#5D20	23840	?	Three first symbols of entered line
#5D23	23843	?	Number of 256 byte blocs for MOVE command (4k minimum)
#5D25	23845	BUFFER	
#5D26	23846	CHANS-DOS - CHANNEL "K" (5bytes) "S" - "R" - "P" >>> 23861]	

