ROM CHECK SUM LIST

version 1.2

July 27, 1984

MODEL I ROM CHECKSUMS

MODEL	DESCRIPTION	ROM A	ROM B	ROM C
I	Level I	5A51/5D0C	9F9A/99C2	
I	Level II	AE5D/AE60	DA84/DA45	4002/40BA 40E0/3E3E
I	Level II(Rev.A)	B078	DA45	4006

Boards utilizing revision A ROMs do not require the XRX cassette modification (reference Technical Bulletin I:15). Earlier ROMs do. The quickest way to determine whether or not you have revision A ROMs is to look at the power up message.

EARLY VERSION ROM	REVISION A ROM
RADIO SHACK LEVEL II BASIC	R/S L2 BASIC
MEMORY SIZE?	MEM SIZE

MODEL I MEMORY SIZES

MODEL	DESCRIPTION	4K	16K	32K	48K
I	Level I	3583	15871	N/S	N/S
I	Level II	3284	15572	31956	48340
I	Level II(REV.A)	3282	15570	31954	48338
I	TRSDOS 2.3B	N/S	5528	21912	38290
I	TRSDOS 2.3B(REV.A)	N/S	5526	21910	38288

For additional information, reference Technical Bulletin I:22.

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MODEL III ROM CHECKSUMS

MODEL	DESCRIPTION	ROM A	ROM B	ROM C
III	LEVEL I	BBC4	DA75	407C
III	LEVEL II	9639	407C	2B91/2EF8 2F84
III	NET III ROMS			2764/676A 276A

MODEL III MEMORY SIZES

MODEL	DESCRIPTION	4K	16K	32K	48K
III	LEVEL I	3583	N/S	N/S	N/S
III	LEVEL II	N/S	15314	31698	48082
III	TRSDOS 1.3	N/S	N/S	21821	38200

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MODEL 4 ROM CHECKSUMS

MODEL	DESCRIPTION	ROM A	ROM B	ROM C
4	STANDARD	BBC4/DA75	407C	1591
4	VERSION A	B504/DA42	407C	48BC
4	NET III	B523/DA42	407C	48BC

NOTE: ROM A is checked in two parts. You should always receive two ROM A checksums, when running model 4 memory diagnostics.

It should also be noted, that the version A ROMs as listed above, are the current production ROMs. these ROMs are capable of Network III operation. Any model 4 with the above listed "standard" ROM checksum, will require different ROM A, and C to make it Network compatible.

If a model 4 is run in ROM basic, or with model III software, a 64K model 4 will have the same memory size as a 48K model III. Therefore, the only way to properly test a model 4's memory, is with model 4 memory diagnostics. Use diagnostic packages such as BD16K, MIV64K, or MIV128K.

For more information, reference technical bulletin 4:8.

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COLOR COMPUTER ROM CHECKSUMS

Color Basic 1.0 = 9505
Color Basic 1.2 = 5917
ECB version 1.1 = 3338
Disk Basic 1.1 = EDAA or EDC9
44AF

Color Basic 1.1 = E54B
ECB version 1.0 = 2206
Disk Basic 1.0 = 278A
MC 10 Basic = 8FFE

COLOR COMPUTER MEMORY SIZES

OPTIONS	4K	16K	32K
Color Basic	2343	14631	31015
Extended Color Basic (ECB)	N/S	8487	24871
Disk Basic	N/S	6439	22823

N/S = Not Supported

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Listed below are the boot ROM check sums for the models II, 16, and 12/16B. The Terms "8X300", and "WD1010" are used to define the two controller boards used in our product line. The numbers are derived from te main processor chip on the controller boards.

CHECK SUM	USAGE	NOTES
432F	Model II	Boots floppy only
0A79	Model II	Boots floppy only
4A6A	Model II	Installed with 8X300 H.D. upgrade kits.
BFC0	Model II/12/16B	Boots floppy and 8X300 H.D.
88E2	Model II/16/16B	Boots floppy and 8X300 H.D.
F42A	Model II/16/16B	Boots floppy and 8X300 H.D.

The following is a list of Boot ROM check sums that will properly initialize a WD1010 controller board. WD1010 Controllers are utilized in 16B+, and some external 5 1/4 inch hard drives. External WD1010 controllers are most easily identified by their size. They are roughly one half the size of the larger 8X300. It is important to note the check sums listed below will work with any Model II, 16, 12/16B with a hard drive utilizing a WD1010 controller (they will also run an 8X300).

CHECK SUM	USAGE
C9AC	With WD1010
1A95	With WD1010
CB11	With WD1010
E996	With WD1010
C745	With WD1010