

History of part numbers for Fat Agnus

318069-01

The pinout of this device supports a 1 megabyte system. Both Pal and NTSC are supported via 1 pin. This chip is used in the A2000 and A500.

-02

This has the same pinout as -01. The only difference is that Tdins timing was changed from 50 nsecs to 65 nsces. This part is no longer needed and can be inactivated.

-029

Identical to -01, except for screening of different timing for the separation between CCK and CCKQ (≤ 61.5 ns). This part is no longer needed and can be inactivated.

-03

The pinout of this device supports a 2 megabyte system. Both Pal and NTSC are supported via 1 pin. This chip is used in the A3000.

-04

This device is identical to -01, except that the PAL/_NTSC pin is not bonded from the die to the pin. This was done so that the 8372 could be used in PAL machines that previously contained the 8371. The pin that is used for PAL/_NTSC selection on the 8372 was used as a TEST pin on the 8371. As a result, all machines designed to accept the 8371 had this pin grounded (to disable the test mode). This is OK if the machine is NTSC, since the mode pin of the 8372 needs to be set low. However, PAL machines need to set this pin high for the 8372 to work in PAL mode. If this pad is not bonded out, it is pulled up internally and therefore is set to PAL mode.

-05

This device is identical to -03, except that the PAL/_NTSC pin is not bonded from the dye to the pin (for the same reasons as described for the -04). This part was never needed since nothing used the 2 meg chip until the A3000. This part can be inactivated.

-06

This is inactive. It was originally intended for the 8375R0 pinout used in the PAL A300/A600. After this number was assigned, it was decided that this part should have a new number altogether (390544). (It should have been left as -06..)

-07

This was to be the NTSC version of the -06 pinout, but was also replaced by 390544-02. This number is not shown as inactive on the spec, but should be.

-08 *

8375R2. This device has the same pinout as -01, except that the _LP (light pen) pin is replaced by Vbb. Used in CDTV.

-09 *

This device has the same pinout as -03, except that the _CASU pin is replaced by Vbb. Used in A1000+.

-10 *

Several pins have been changed to support the A300/600. This device supports PAL only - the PAL/_NTSC pad is internally pulled up to Vdd (+5). This part is the new rev of what was previously called 390554-01, except that Vbb replaces the C14M pin.

-11 *

This pinout is identical to the -10. However, this device supports NTSC only - the PAL/_NTSC pad is internally connected to GND. This part is the new rev of what was previously called 390554-02, except that Vbb replaces the C14M pin.

-12 *

Several pins have been changed to support the A300/600. This device supports PAL only - the PAL/_NTSC pad is internally pulled up to Vdd (+5). This part is the new rev of what was previously called 390554-01.

-13 *

Several pins have been changed to support the A300/600. This device supports NTSC only - the PAL/_NTSC pad is internally connected to ground. This part is the new rev of what was previously called 390554-02.

-14 *

Same as -12, except that *LP pin is replaced by Vbb.

-15 *

Same as -13, except that *LP pin is replcaed by Vbb.

390554-01

8375R0. This device has the new pinout required for the A300/600. It is for PAL only - the PAL/_NTSC pin is tied (pulled) high internally. Vbb does not go to a pin.

-02

8375R0. Same as -01, except that the PAL/_NTSC pin is tied to ground internally, making it an NTSC only part. Vbb does not go to a pin.

390554-01 and -02 should have been added as dash numbers to 318069 since the functionality is equivalent. Future revisions should be added as dash numbers to 318069.

* new part numbers.

** AVL List :

CBM PART NUMBER	VENDOR	VENDOR PART NUMBER
318069-01	MOS	318069-01, 8372R3 318069-01, 8375R2
318069-03	MOS	318069-03, 8372R3 318069-03, 8375R2
318069-04	MOS	318069-04, 8372R3 318069-04, 8375R2
318069-08	MOS	318069-08, 8372R3 318069-08, 8375R2
318069-09	MOS	318069-09, 8372R3 318069-09, 8375R2
318069-10	MOS	318069-10, 8375R2
318069-11	MOS	318069-11, 8375R2
318069-12	MOS	318069-12, 8375R2
318069-13	MOS	318069-13, 8375R2
318069-14	MOS	318069-14, 8375R2
318069-15	MOS	318069-15, 8375R2

** NOTE: Part should be stamped with the CBM part number AND the die number and die revision number.