## INDY ELAN GRAPHICS - GR4 BOARD
(Fab # 034-8234-002 REV. A)

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**ATTENTION!!** THERE ARE SOME REFERENCE DESIGNATORS ON THE SILKSCREEN THAT ARE PLACE INCORRECTLY ON THIS BOARD.

PLEASE SEE PAGE 8 FOR DETAILS.

**SCHEMATIC #032-8234-002 REV D**
These Resistor values need to be reviewed!!
NOTE: THESE TERMINATIONS MUST BE PLACED AT THE END OF THE NET!!

R529 120 R531 180 R528 120 R533 180 R532 120 R534 180

+5 VCC
R529 120 R531 180
R532 120 R533 180 R534 180
R59 120 R60 180

NOTE: PLACE THESE CAPACITORS AND RESISTORS NEAR THE CB1 ASIC

Capacitors and resistor values chosen based on roll-off frequency at tenth harmonic from the equation: 241/(10*2*pi*R*F)
R/A NOTE!! SEE DIAGRAM BELOW RIGHT FOR CORRECT POSITIONING OF DISCRETE PARTS AND THEIR REFERENCE DESIGNATORS IN THE BOTTOMSIDE AREA SHOWN. THIS IS FOR LOCATIONS: R552, R554, R555, R568, R569, AND C591.
ALL PULL-UP RESISTORS ARE +V CC 0.603 OHM, UNLESS NOTED

ALL PULL-DOWN RESISTORS ARE +V CC 1/16" 0.603, UNLESS NOTED

These resistors configure the GE7 slave bus for either a 2-GE system or a 4-GE system. The stuff option indicated here is for a 4-GE system.
The DRAMs can be TSOP300 (NEC) or TSOP400 (Toshiba) package type.

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These RC terminators are used to be able to use RD0201 series terminators also.

SPARES

Silicon Graphics Computer Systems
RE, Display Bus Terminators Spares, Standoffs

ENGINEER Dale Ah Tye
REV
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