

5 é / Descriptions

9 5 6 .> // x E * 3 y Ý o Dual Operational Amplifiers in a SOP-8 Plastic Package.

□ a / Features

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% 9 8 N " u k ÿß 9 8 Ýy R d < l l < k 9 P W ð

Internally frequency compensated for unity gain, Large DC voltage gain : 100dB, Wide operating supply range ($V_{CC}=3V\sim 36V$), Input common mode voltage includes ground, Large output voltage swing: From 0 to $V_{CC}-1.5V$, Power drain suitable for battery operation.

Đ ÷ / Applications

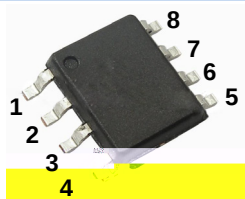
9 n ß y Ý k + v ~ % † y æ ~ n ~ y Ý Ł o

Application areas include transducer amplifier, DC gain blocks and all the conventional OP amp circuits.

Ã W] Ô · / Equivalent Circuit



• Ô - æ / Pinning



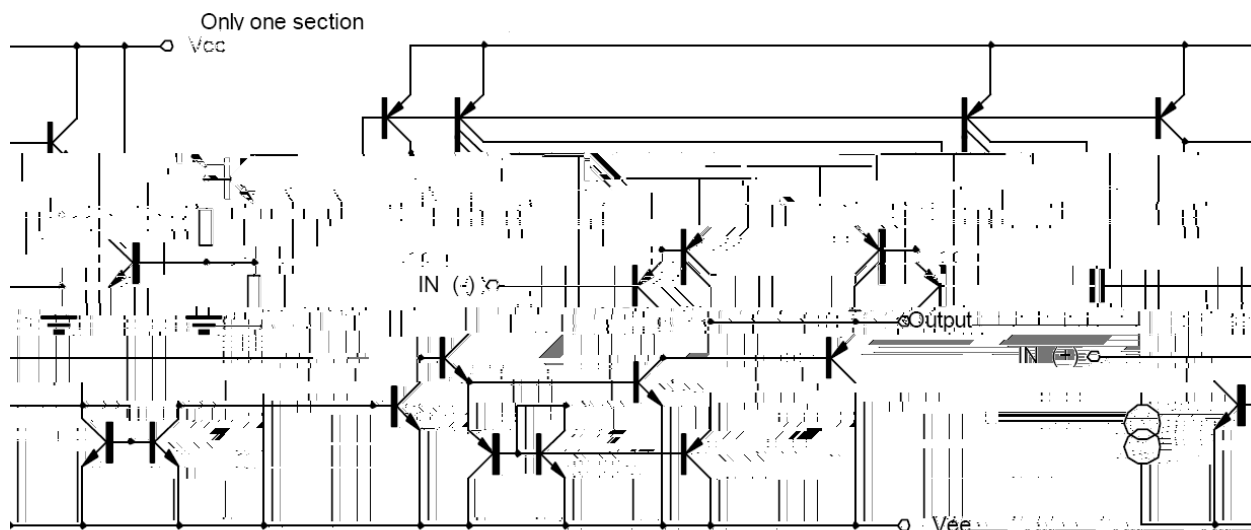
6 / 4 ~ B | Ł PIN See Equivalent Circuit.

, M V / Marking

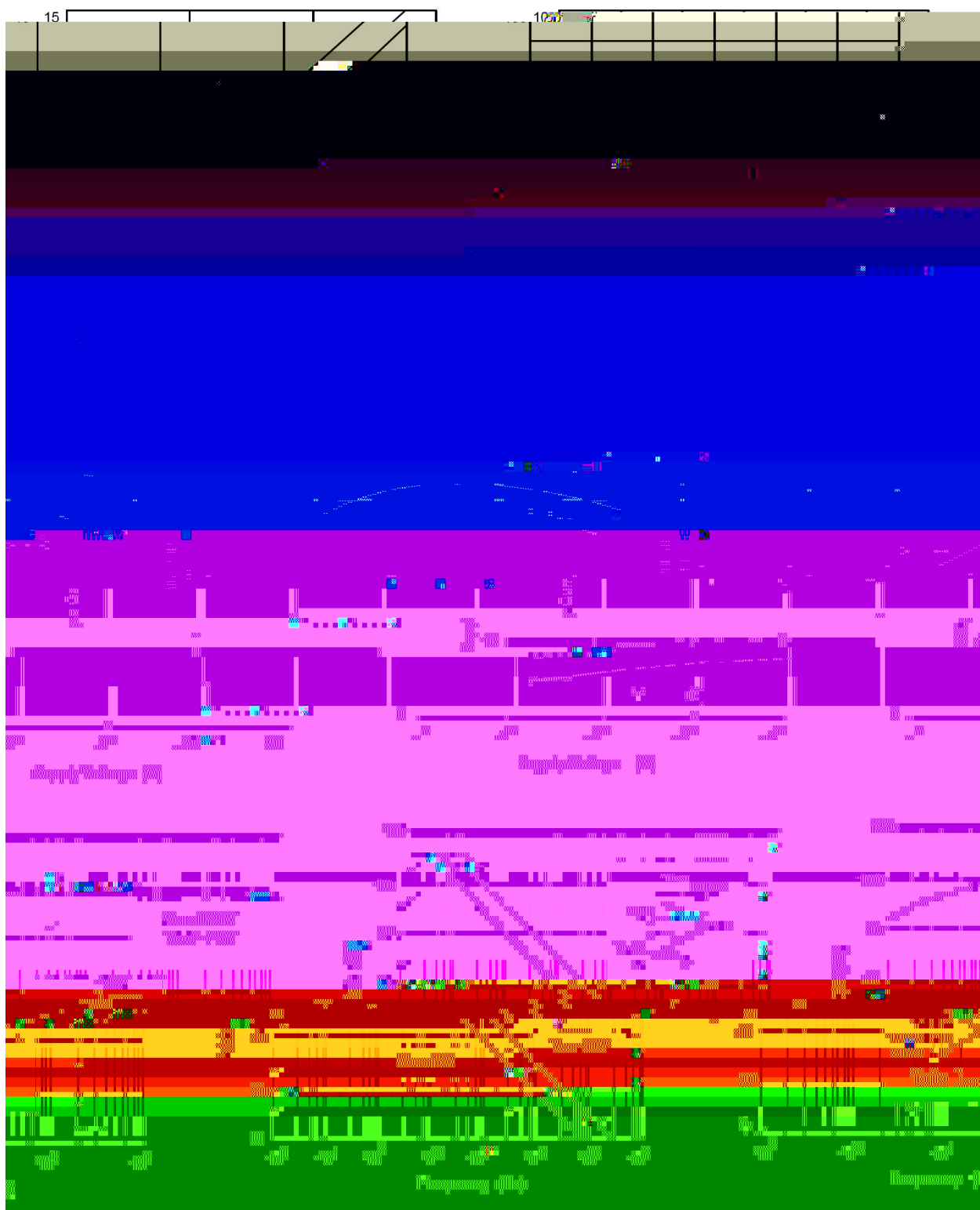
- ~ " ¢ / See Marking Instructions

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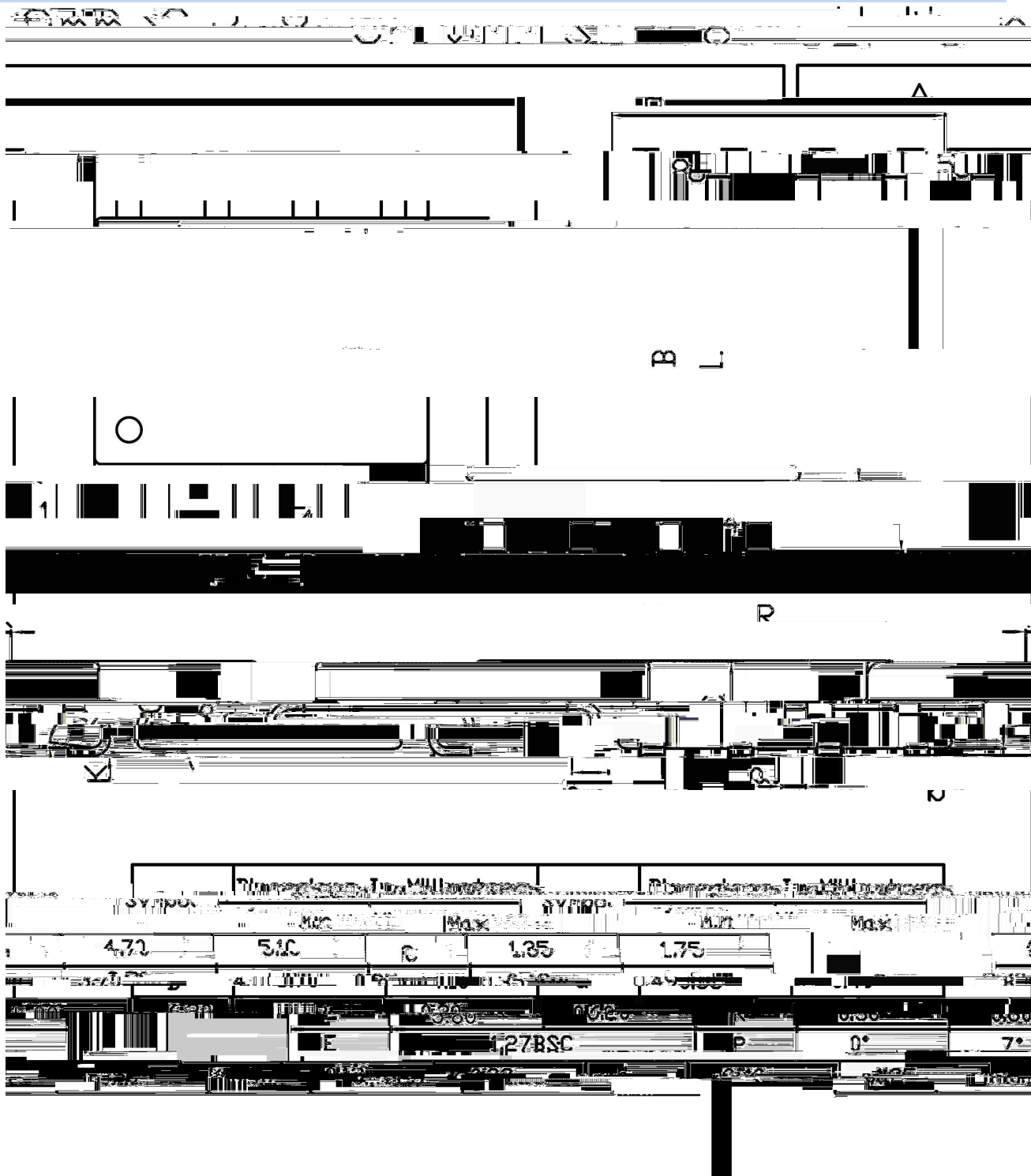
< Æ ¢ / Functional Block Diagram



LM358 / Electrical Characteristic Curve



Ø □ =) ♂ / Package Dimensions



Marking Instructions



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BR y , [W A

2 3 y ” Z W A

y ŷD Z W A k ŷD Z J

Note:

BR: Company Code.

LM358: Product Type.

****: Lot No. Code, code change with Lot No.

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