



READ THE NOTES !!

THE LATEST LOW POWER
CIRCUITry SYSTEMS
FROM 1980 ONWARDS.
REGISTERED OFF THE 100 MILLION
OR THE LATEST COT COVERED POWER.

COMMUNICATOR NI-440DX, SERPENT UK4000, PLANET 2000, MANOR KESTREL

- SEMICONDUCTORS:**
- Q1 = 2SC 147G
 - Q2 = 2SC 147G
 - Q3 = 2SC 147G
 - Q4 = 2SC 147G
 - Q5 = 2SC 147G
 - Q6 = 2SC 147G
 - Q7 = 2SC 147G
 - Q8 = 2SC 147G
 - Q9 = 2SC 147G
 - Q10 = 2SC 147G
 - Q11 = 2SC 147G
 - Q12 = 2SC 147G
 - Q13 = 2SC 147G
 - Q14 = 2SC 147G
 - Q15 = 2SC 147G
 - Q16 = 2SC 147G
 - Q17 = 2SC 147G
 - Q18 = 2SC 147G
 - Q19 = 2SC 147G
- DIODES:**
- D1 = 1N4001
 - D2 = 1N4001
 - D3 = 1N4001
 - D4 = 1N4001
 - D5 = 1N4001
 - D6 = 1N4001
 - D7 = 1N4001
 - D8 = 1N4001
 - D9 = 1N4001
 - D10 = 1N4001
 - D11 = 1N4001
 - D12 = 1N4001
 - D13 = 1N4001
 - D14 = 1N4001
 - D15 = 1N4001
 - D16 = 1N4001
 - D17 = 1N4001
 - D18 = 1N4001
 - D19 = 1N4001
- RESISTORS:**
- R1 = 10K
 - R2 = 10K
 - R3 = 10K
 - R4 = 10K
 - R5 = 10K
 - R6 = 10K
 - R7 = 10K
 - R8 = 10K
 - R9 = 10K
 - R10 = 10K
 - R11 = 10K
 - R12 = 10K
 - R13 = 10K
 - R14 = 10K
 - R15 = 10K
 - R16 = 10K
 - R17 = 10K
 - R18 = 10K
 - R19 = 10K
 - R20 = 10K
 - R21 = 10K
 - R22 = 10K
 - R23 = 10K
 - R24 = 10K
 - R25 = 10K
 - R26 = 10K
 - R27 = 10K
 - R28 = 10K
 - R29 = 10K
 - R30 = 10K
 - R31 = 10K
 - R32 = 10K
 - R33 = 10K
 - R34 = 10K
 - R35 = 10K
 - R36 = 10K
 - R37 = 10K
 - R38 = 10K
 - R39 = 10K
 - R40 = 10K
 - R41 = 10K
 - R42 = 10K
 - R43 = 10K
 - R44 = 10K
 - R45 = 10K
 - R46 = 10K
 - R47 = 10K
 - R48 = 10K
 - R49 = 10K
 - R50 = 10K
 - R51 = 10K
 - R52 = 10K
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 - R54 = 10K
 - R55 = 10K
 - R56 = 10K
 - R57 = 10K
 - R58 = 10K
 - R59 = 10K
 - R60 = 10K
 - R61 = 10K
 - R62 = 10K
 - R63 = 10K
 - R64 = 10K
 - R65 = 10K
 - R66 = 10K
 - R67 = 10K
 - R68 = 10K
 - R69 = 10K
 - R70 = 10K
 - R71 = 10K
 - R72 = 10K
 - R73 = 10K
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 - R75 = 10K
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 - R80 = 10K
 - R81 = 10K
 - R82 = 10K
 - R83 = 10K
 - R84 = 10K
 - R85 = 10K
 - R86 = 10K
 - R87 = 10K
 - R88 = 10K
 - R89 = 10K
 - R90 = 10K
 - R91 = 10K
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 - R93 = 10K
 - R94 = 10K
 - R95 = 10K
 - R96 = 10K
 - R97 = 10K
 - R98 = 10K
 - R99 = 10K
 - R100 = 10K
- CAPACITORS:**
- C1 = 100n
 - C2 = 100n
 - C3 = 100n
 - C4 = 100n
 - C5 = 100n
 - C6 = 100n
 - C7 = 100n
 - C8 = 100n
 - C9 = 100n
 - C10 = 100n
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 - C90 = 100n
 - C91 = 100n
 - C92 = 100n
 - C93 = 100n
 - C94 = 100n
 - C95 = 100n
 - C96 = 100n
 - C97 = 100n
 - C98 = 100n
 - C99 = 100n
 - C100 = 100n

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THIS DIAGRAM WAS DRAWN FROM A RADIO'S PRINTED CIRCUIT BOARD AND REPRESENTS MANY HOURS OF TEDIOUS WORK, BUT ALSO MEANS THAT MISTAKES HAVE PROBABLY CREEPT IN. IT IS HOWEVER DRAWN IN THE ENGLISH CONVENTION OF POWER AT THE TOP AND GROUND AT THE BOTTOM. THE FRONT AND REAR PANEL COMPONENTS ARE NOT DRAWN TOGETHER AS SEEMS TO BE THE CONVENTION ON MANY CB CIRCUITS, BUT ARE DRAWN WHERE REQUIRED - I'M SURE YOU CAN FIGURE OUT WHERE THEY ARE PHYSICALLY :-)
ANY SUGGESTIONS FOR IMPROVEMENTS OR CORRECTIONS OF ERRORS SHOULD BE ADDRESSED TO ME AT THE EMAIL ADDRESS GIVEN IN THE TITLE BLOCK AT THE BOTTOM RIGHT HAND CORNER.

