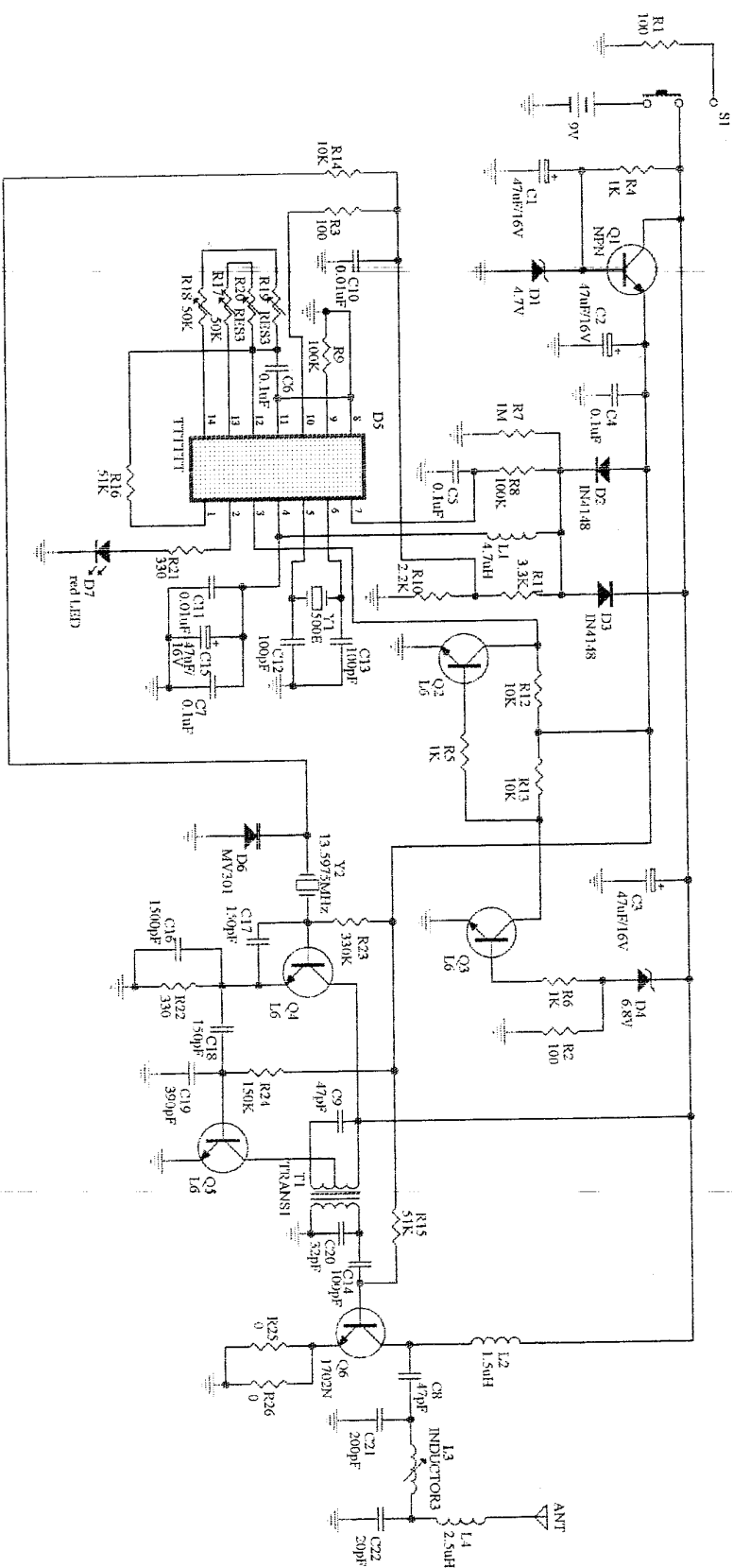


A horizontal timeline from 1970 to 2010. The timeline is marked with years: 1970, 1980, 1990, 2000, 2010. Above the timeline, the word 'Data' is written in a large, bold, sans-serif font. Below the timeline, the words 'Big Data' and 'Big Data Analytics' are written in a smaller, bold, sans-serif font. The timeline shows the progression of the term 'Big Data' from its early use in the 1970s to its current use in the 2010s.



A horizontal timeline from 1970 to 2010. The timeline is marked with years: 1970, 1980, 1990, 2000, 2010. Above the timeline, the word 'Data' is written in a large, bold, sans-serif font. Below the timeline, the words 'Big Data' and 'Big Data Analytics' are written in a smaller, bold, sans-serif font. The timeline shows the progression of the term 'Big Data' from its early use in the 1970s to its current use in the 2010s.

GY2200手控线路图



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飞机充电器 (大)

The circuit diagram illustrates a large airplane charger. It begins with a power input section featuring a switch S1 and a 12V battery input. The circuit is powered by a 12V battery and includes various resistors (R1-R17) and capacitors (C1-C6) for timing and filtering. Two LM555 timer ICs (U1 and U2) are used for timing control. Transistors Q1-Q5 are used for switching and amplification. Diodes D1-D5 are used for rectification and protection. A 'charge Jack' is provided for charging a device. The output is connected to a POWER1 LED indicator.

Components:

- Resistors: R1 (820K), R2 (820), R3 (300K), R4 (4.7K), R5 (20K), R6 (300K), R7 (2K), R8 (560K), R9 (300), R10 (270), R11 (20K), R12 (20K), R13 (120K), R14 (100), R15 (1/2W), R16 (1/2W), R17 (150).
- Capacitors: C1 (10uF/16V), C2 (10uF/16V), C3 (10uF/16V), C4 (220uF/16V), C5 (0.01uF), C6 (0.01uF).
- Diodes: D1 (6.8V), D2 (4.7V), D3 (1N4001), D4 (1N5819), D5 (1N4148).
- Transistors: Q1 (9012), Q2 (9014), Q3 (9014), Q4 (9014), Q5 (9014), Q6 (9014), Q7 (2SD882).
- ICs: U1 (LM555), U2 (LM555).
- Other: S1 (switch), S2 (switch), LED (POWER1), LED (indicator), charge Jack.

Assembly Notes:

- Check all component values before assembly.
- Ensure proper polarity for capacitors and diodes.
- Secure all connections to avoid shorts.
- Test the circuit with a 12V battery before connecting to the load.

Warranty: This product is warranted against defects in materials and workmanship for a period of 12 months from the date of purchase.

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