

CGS734 - ASR Component Kit

| Item | Description | Qty | Designator | Package |
|------|-----------------------------------------|-----|------------------------------------------------------------------|--------------|
| | CAPACITOR | | | |
| 1 | 33pF 5% Ceramic | 3 | C205, C206, C207 | RAD-0.2N |
| 2 | 10nF 63V Polyester | 1 | C101 | RAD-0.2 |
| 3 | 100nF Ceramic | 11 | C303, C304, C305, C306, C307, C308, C309, C310, C311, C312, C313 | RAD-0.2N |
| 4 | 100nF Polypropylene | 4 | C201, C202, C203, C204 | RAD-0.2X |
| 5 | 1uF 35V Tantalum | 1 | C314 | RB-D5.0-P5.0 |
| 6 | 10uF 35V Electrolytic | 2 | C301, C302 | RB-D5.0-P2.0 |
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| | CONNECTOR | | | |
| 7 | IDC16 Box Header | 1 | J301 | 2.54MM |
| 8 | 8-pin IC Socket 0.3inch | 5 | U101, U201, U202, U203, U204 | DIP-8 |
| 9 | 16-pin IC Socket 0.3inch | 2 | U104, U105 | DIP-16 |
| 10 | 14-pin IC Socket 0.3inch | 2 | U102, U103 | DIP-14 |
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| | DIODE | | | |
| 11 | 1N4148 | 3 | D101, D102, D103 | DIODE-0.3 |
| 12 | 1N4004 200V 1A | 1 | D301 | DIODE-0.4 |
| | | | | |
| | LINEAR | | | |
| 13 | LF356 - BI-FET Low-offset Opamp | 4 | U201, U202, U203, U204 | DIP-8 |
| 14 | 78L05 +5V 100mA Fixed Voltage Regulator | 1 | U301 | TO-92 |
| 15 | DG409 - 4ch Analog Multiplexer | 2 | U104, U105 | DIP-16 |
| 16 | TL074 Quad JFET Opamp | 1 | U102 | DIP-14 |
| 17 | TL071 JFET Opamp | 1 | U101 | DIP-8 |
| | | | | |
| | INDUCTOR | | | |
| 18 | Ferrite Bead - 5A | 2 | L301, L302 | AXIAL-0.3 |
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| | LOGIC | | | |
| 19 | CD4024 - 7-stage Binary Counter | 1 | U103 | DIP-14 |
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