



Author: PA3AKE 30dB Attenuator board

TITLE: attenuator

Document Number: REU:
B

Date: 9-3-2011 15:41:52 Sheet: 1/1

Attenuator Board Rev-B Partlist

| Part | Value | Package | Description |
|----------------------|-------------|---------|---|
| -----Resistors----- | | | |
| R1 | 11.5 1% | 1206 | (Generic Thick Film resistor) |
| R2 | 23.7 1% | 1206 | (Generic Thick Film resistor) |
| R3 | 52.3 1% | 1206 | (Generic Thick Film resistor) |
| R4 | 68.1 1% | 1206 | (Generic Thick Film resistor) |
| R5 | 68.1 1% | 1206 | (Generic Thick Film resistor) |
| R6 | 115 1% | 1206 | (Generic Thick Film resistor) |
| R7 | 115 1% | 1206 | (Generic Thick Film resistor) |
| R8 | 154 1% | 1206 | (Generic Thick Film resistor) |
| R9 | 221 1% | 1206 | (Generic Thick Film resistor) |
| R10 | 221 1% | 1206 | (Generic Thick Film resistor) |
| R11 | 432 1% | 1206 | (Generic Thick Film resistor) |
| R12 | 432 1% | 1206 | (Generic Thick Film resistor) |
| R13 | 4K7 | 1206 | (Generic Thick Film resistor) |
| R14 | 10K | 1206 | (Generic Thick Film resistor) |
| R15 | 10K | 1206 | (Generic Thick Film resistor) |
| -----Capacitors----- | | | |
| C1 | 100n | 1206 | (Generic X7R MLCC) |
| C3 | 100n | 1206 | (Generic X7R MLCC) |
| C5 | 100n | 1206 | (Generic X7R MLCC) |
| C7 | 100n | 1206 | (Generic X7R MLCC) |
| C9 | 100n | 1206 | (Generic X7R MLCC) |
| C10 | 100n | 1206 | (Generic X7R MLCC) |
| C11 | 100n | 1206 | (Generic X7R MLCC) |
| C12 | 100n | 1206 | (Generic X7R MLCC) |
| C13 | 100n | 1206 | (Generic X7R MLCC) |
| C14 | 100n | 1206 | (Generic X7R MLCC) |
| C15 | 100n | 1206 | (Generic X7R MLCC) |
| C16 | 100n | 1206 | (Generic X7R MLCC) |
| C17 | 100n | 1206 | (Generic X7R MLCC) |
| C18 | 100n | 1206 | (Generic X7R MLCC) |
| C19 | 100n | 1206 | (Generic X7R MLCC) |
| -----Diodes----- | | | |
| D1 | MMSD4148T1G | SOD123 | (ON Semiconductor, Diode Switch, 100V, 200mA) |
| D2 | MMSD4148T1G | SOD123 | (ON Semiconductor, Diode Switch, 100V, 200mA) |
| D3 | MMSD4148T1G | SOD123 | (ON Semiconductor, Diode Switch, 100V, 200mA) |
| D4 | MMSD4148T1G | SOD123 | (ON Semiconductor, Diode Switch, 100V, 200mA) |
| -----Relays----- | | | |

| | | | |
|-----|--------|----------|---|
| RE1 | IM06GR | IM06GR-2 | (Tyco Electronics, Axicom, Signal Relay, DPDT, 12V) |
| RE2 | IM06GR | IM06GR-2 | (Tyco Electronics, Axicom, Signal Relay, DPDT, 12V) |
| RE3 | IM06GR | IM06GR-2 | (Tyco Electronics, Axicom, Signal Relay, DPDT, 12V) |
| RE4 | IM06GR | IM06GR-2 | (Tyco Electronics, Axicom, Signal Relay, DPDT, 12V) |

-Connectors-----

| | | | |
|-----|--------------|------|--|
| JP1 | 68020-172HLF | 2x08 | (16pins from FCI, Bergstik Header 72pin Right Angle) |
| JP2 | 68020-172HLF | 2x05 | (10pins from FCI, Bergstik Header 72pin Right Angle) |

ATTENUATOR Rev-B

PA3AKE 08/03/2011





