



AMPLIFIER CAN DRIVE ONE 4-OHM SPEAKER OR TWO 8-OHM SPEAKERS

AUDIO LINE LEVEL = 2Vp-p MAX  
26dB GAIN DELIVERS 40Vp-p  
Vrms = 14.14V  
Power = 14.14<sup>2</sup> / 8-ohms = 25W

AUDIO LINE LEVEL = 1.4Vp-p MAX  
26dB GAIN DELIVERS 28Vp-p  
Vrms = 9.9V  
Power = 9.9<sup>2</sup> / 8 = 12.25W

Main Audio Output

TO Electret Mic

CODEC CONFIGURED FOR TWI (I2C) CONTROL INTERFACE  
ADDRS = 0011011

	Microsemi	No AEC*
H1	021521B	DNI
FB24	201030	DNI
C253	10nF	DNI
C240	100nF	DNI
C37	1uF	DNI
R216	0-Ohm	DNI
R224	0-Ohm	DNI
R206	0-Ohm	DNI
C178	1uF	DNI
R205	DNI	0-Ohm
R175	DNI	20K
C207	DNI	1uF
R223	DNI	0-Ohm

\*No AEC Daughter board but allows Mic input for PTT or processor AEC

	GAIN1	GAIN0	Amplifier Gain (dB)
LOW	LOW	LOW	20
LOW	HI	LOW	26
HI	LOW	LOW	32
HI	HI	LOW	36

2555 Garden Road  
Monterey, CA 95940  
(831) 373-2601

Approvals: \_\_\_\_\_ Date: \_\_\_\_\_  
Drawn: Conner 10-28-15  
Checked: \_\_\_\_\_  
Approved: \_\_\_\_\_  
Updated: Conner 11-21-16

CyberData Corporation

**V3 Paging Amp / V3 Speaker**

Size D Drawing Number: 100-99-1061 Rev H  
Scale NONE AUDIO Sheet 4 of 4