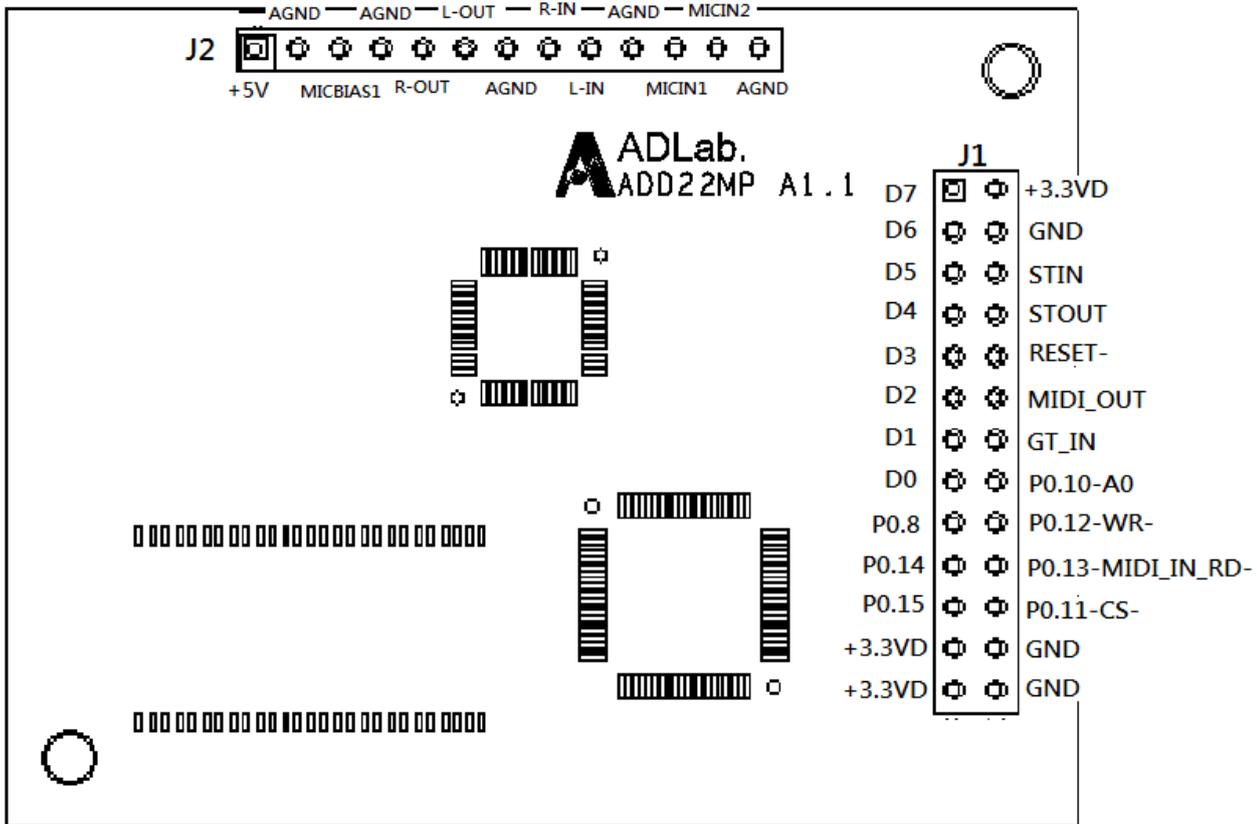


ADD22MP Features

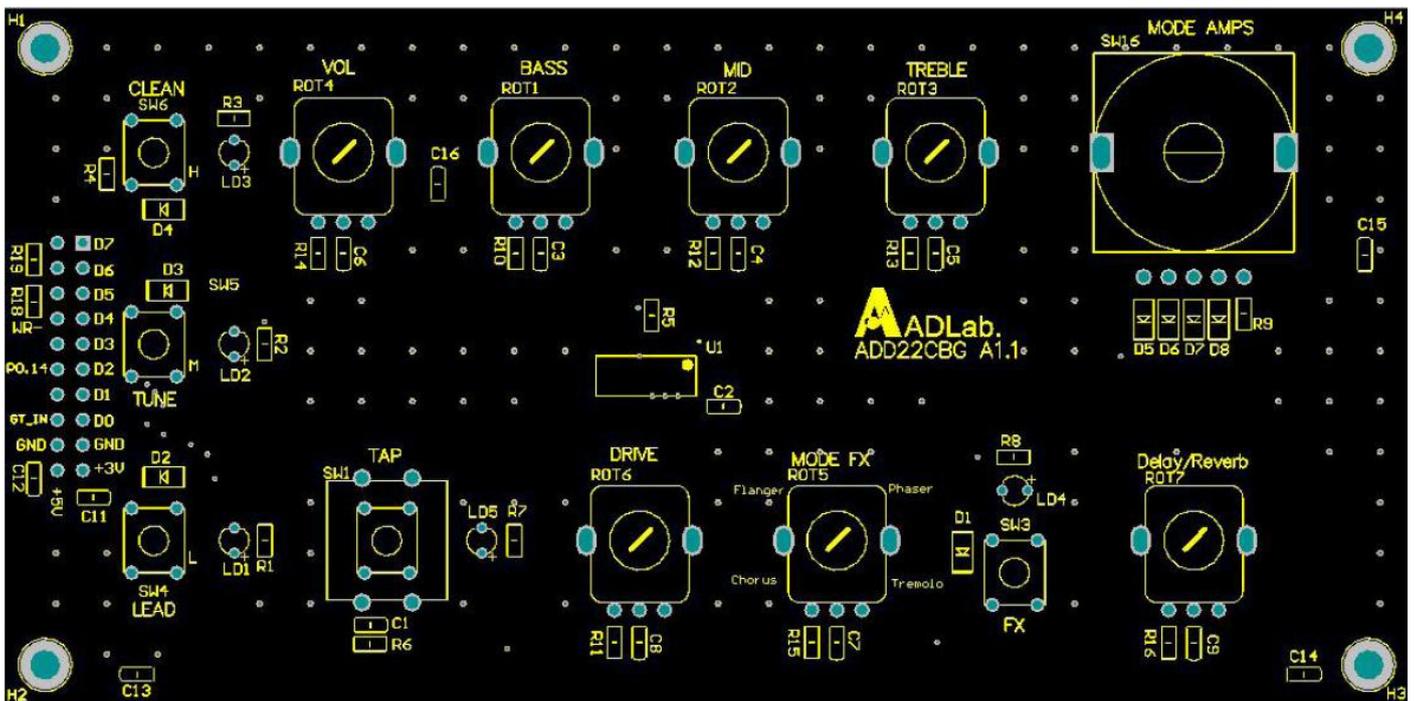
- Premium application for Guitar/Bass amp/ Guitar/Bass pre amp or pedal effects/ DJ-mixer /mixer/dynamic processor...
- 24 bit digital signal processing with 24 bit AD/DA converters, supports up to 96KHz sampling rate
- Provide over 1.34 sec of delay at 48 kHz sampling frequency (SDRAM needed)
- Convenience with diverse and applicative Operation with multi-function control board (include LED/LCD panel) for quick evaluation and making a maximal creativity
- Specialized Dedicated guitar/bass amp molding effects and Over 30 classical tones , to endows your guitars/ bass effects a more realistic performance both in the studio and on stage
- Acoustic effects can reedit from customers such as reverbs, echo, phaser, chorus, flanger , delay(enhance tap delay function), vocoder... etc.
- High-resolution equalizer and dynamic processor can match for professional wireless MIC receiver and support user-friendly control with display
- Vintage dynamic processor for power amplifier applications
- RoHS compliant (PB-free) is provided in all of our products

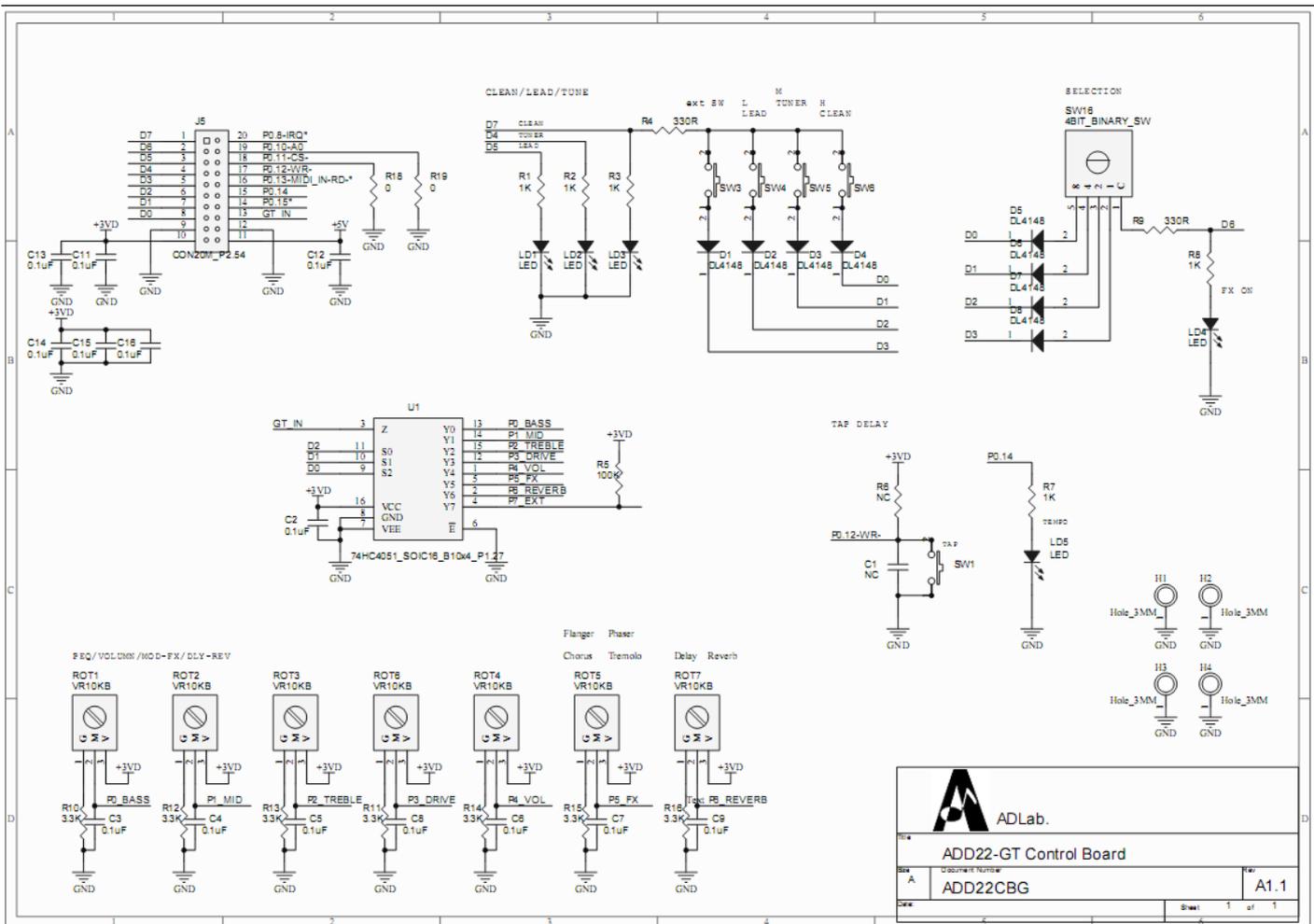
1	Analog input signal	2ch
2	Input impedance	100k Ω
3	Maximum output level	0dBu or 2.8Vp-p
4	Nominal Level	0dB
5	Analog output signal	2ch
6	Output impedance	470 Ω
7	DSP arithmetic	24x32 bit for filtering process
8	AD/DA conversion	24bit/48kHz
9	S/N ratio	> 100dB
10	THD+N	0.015%@1kHz 0dB
11	Frequency response	20Hz - 20kHz +/- 0.5 dB
12	Power supply	DC +6V, 160mA (Without display & controls)
13	Consumption	150 mA

Module Connector Configurations



APPLICATIONS





- Amp Modeling or Octave and Auto-Wah effect (see the program chart below) could assign on the 16 position binary encoder with 1 separate clean channel(optional)
- Each Amp Modeling with Drive ,Volume & 3-band EQ control
- Clean & Lead channel selection switch with led indicator
- Chorus, Flanger, Phaser, Tremolo effect with parameter control on 1 MOD-FX potential meter
- Reverb, Delay with parameter control on 1 REVERB/DELAY potential meter
- MOD-FX and Reverb/Delay can run at the same time (serial)
- Delay with TAP TEMPO function with TAP TEMPO led that synchronize with delay repeats
- Guitar tuner function(combined with binary encoder for each string tune selection)
- Our engineer is ready for additional customize function

Interfacing with ADD22MP-GT module

Block Diagram



Effects could be assign on th e Mod-Fx and Rev/Delay pot

	Mod-FX	REV/Delay
1	Chours	Reverb (Hall,Room,Plate)
2	Flanger	Long Delay
3	Phaser	
4	Tremolo	

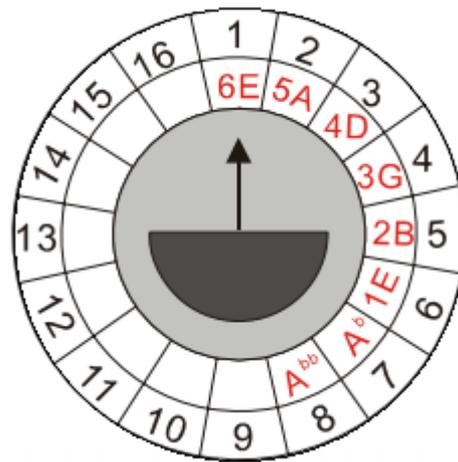
Pre Loaded AMP Modeling and Effect Combination

Guitar Amp1

	AMP MODELING (16 BINARY ENCODER)	MOD-FX	REV/DELAY
1	Acoustic	Chours	Reverb
2	Funk	Flanger	Long Delay
3	Hot Rod	Phaser	
4	Black Panel	Tremolo	
5	Brit Combo		
6	Tweed		
7	Stack Classsic		
8	Metal		
9	R-Fier		
10	Dyna Amp		
11	Crunch		
12	Drive		
13	Lead		
14	HiGain		

15	AutoWah 1		
16	AutoWah 2		
	JC Clean (on clean channel)		

16 position binary encoder with program and Tuner corresponding



Guitar Amp2

	AMP MODELING (16 BINARY ENCODER)	MOD-FX	REV/DELAY
1	Hot Rod	Chours	Reverb
2	R-Fier	Flanger	Long Delay
3	Acoustic	Phaser	
4	Black Panel	Tremolo	
5	Brit Combo		
6	Tweed		
7	Stack Classic		
8	Dyna Amp		
9	BDS		
10	DD250		
11	BMZ		
12	RAT		
13	Warm Drive		
14	Fface		
15	Muff pi		
16	AutoWah 2		
	JC Clean (on clean channel)		

Bass Amp

	AMP MODELING (16 BINARY ENCODER)	MOD-FX	REV/DELAY
1	Modem	Bass Chorus	Reverb
2	Rock	Bass Flanger	
3	British	Phaser	
4	Fat Tube		
5	Bassman Style		
6	SVT style		
7	King's X		
8	Solo		
9	Full Range Clean		
10	Slap		
11	Reggae		
12	Muff		
13	Octave Bass up		
14	Octave Bass Down		
15	AutoWah 1		
16	AutoWah 2		

