

## D454M

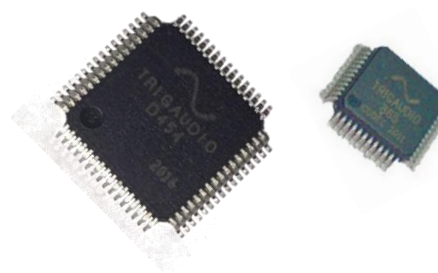
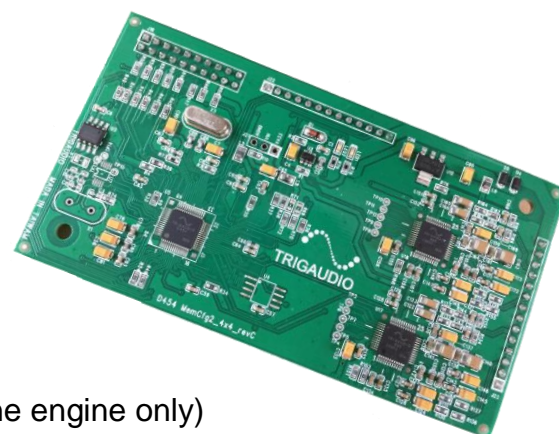
### Hi-quality with Powerful Parity Multi- effect and signal processor DSP Module

D454M -a complete and powerful multi-effect DSP Board from Trigaudio, Providing various application such as PA Mixer (analog mixer )and standalone effect unit... D454M achieves any effects you want and have full confidence to deliver a high-quality effect level. Expect for high quality DSP algorithm that suitable for each applications , we also integrate varieties of powerful user interface into the module .In addition, Trigaudio provide simple display(LED/LCD) with multi-control(Digital encoder/tack-switch....) to support you quick development hardware design.

It also supports chipset solution, support external "MCU" control/display, easy to make flexibility design you own operating control.

### D454M Features

- Premium application for Mixer/Power-Mixer or effects unit
- 24 bit digital signal processing with 24 bit AD/DA converters
- Dual engine dsp running 2x 99preset or other option functions
- 1x MIDI I/O port
- Provide 1.34 sec of delay at 48 kHz sampling frequency (for one engine only)
- Specialized Dedicated Hight-quality effects
- Low cost and price Competitive
- ROHS compliant (PB-free)



### D454M Specification (module)

Analog input signal	4ch
Input impedance	100kΩ
Maximum input level	0dBu or 2.8Vp-p
Maximum output level	0dBu or 2.8Vp-p
Nominal Level:	0dB
Analog sutput signal	4ch
Output impedance	470Ω
DSP arithmetic	24x32 bit for filtering process
AD/DA conversion	24bit/48kHz
S/N ratio	> 100dB
THD+N	0.015% @ 1kHz 0dB
Frequency response	20Hz - 20kHz +/- 1 dB
Power supply	DC +5V,
Consumption	150 mA

