

YM2610 (OPNB)

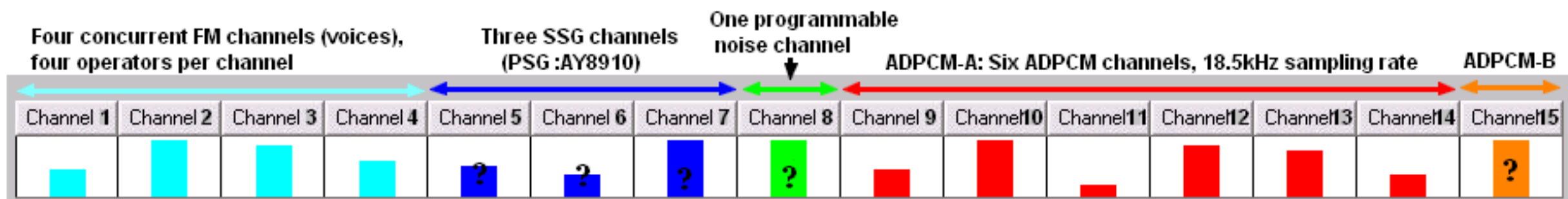
The YM2610 was made by Yamaha and is found inside the SNK Neo Geo as well as several other Arcade Systems. It is also known as the **OPNB**.

Technical Specifications

- Channels: **15**
- Channel **1-4**: FM Sound synthesis with an LFO
- Channel **5-7**: Squarewave synthesis
- Channel **8**: Noise synthesis
- Channel **9-14**: 4-bit ADPCM Waveform playback, **18.5 kHz**, 16 MB Sample ROM Size. Samplesize: 256b – 1mb
- Channel **15**: 4-bit ADPCM Waveform playback, **1.8 – 55.5 kHz**, 16 MB Sample ROM Size. Samplesize: 256b – 1mb
- Stereo: Yes
- DAC: Internal → The YM2610 was used in conjunction with a YM3016 stereo DAC.

NEO·GEO

Tech Note 0 : MVS Tracker



-MVS Tracker can generate the Sound (Z80) M1 ROM.
0x80+ are FM music tracks.
0xFF Stops the FM Music.

! Not supported yet by MVS Tracker.

-The Neo Geo uses an **18500 KHZ 4bit mono ADPCM** format.
-MVS Tracker has an option to build the V' ROMS for this.
0x04+ is Samples : Sfx (Sound FX) /BGMs: BackGround Musics.
0x7F stop ADPCM.

BGM sample !
(CD Quality 44kHz)

(Modplay supports samples in the range of 0x00-0x7F)