Fadercore

Fadercore is a Project to make a reproducible and scaleable Fadermodule that can be used for DAW proposals.

The goal of Fadercore is to make a Modul of 8 Faders with 1 Oled, 3 Buttons and one Encoder per Fader that are scaleable up to 32 Faders (4 Modules)

The Heart of a Fadercore is a STM32F4Demo with a special Header for Display chains…

I started 2010 with that idea because i was Live Engineer of a Club in Switzerland. I used a software DAW for mixing because it was the cheapest console on market. Since then Behringer mixed up the market totaly and my purposes changes. Now its just a fun Projekt to learn how hard it is to designing a Electronic Product.

The follwoing steps are to do:

Make a Coreboard that has connections to 32 displays. - done

Make a Coreboard that has connections to 8 Encoders with LED rings. - done

Make a Faderboard that connects 8 Motorized Faders to the Core board. - done but has to be redone for STM32F4Demo

Make a Coreboard that connects to 24 Buttons and min. 48LEDs if not (RGB) 72LEDs.

Make a Frontpanel. - depends on Buttonboard…

Make a Case that is scaleable so it is Possible to rise Fadercounts…

Make a Demosoftware .NGC file that can be used from Midibox newbies… 😃

So. im now in year 3. Hope i get that baby walk faster soon…

More details to the Project Parts:

VLR-8oDISP

VLR-MBHP-MF_NG

VLR-8Enc

VLR-levelMTX

VLR-16LevelLED

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