Mount according to the desired address decoding (different than other channels)

If single UGS module, JP1 & JP2 must be closed
If dual UGS module, JP1 & JP2 must be opened and M2 must be plugged in

TP5 & TP6 – Tests points to adjust Zin MUSE

M1/M2 socket options
– Single UGS module => one module in M1 (gain stage + output buffer) with JP1 &JP2 closed
– Single AOP module => one module in M1 (gain stage + output buffer) with JP1 &JP2 closed
– Dual UGS module => one module in M1 (output buffer) + one module in M2 (gain stage) with JP1 & JP2 opened

Different set of input capacitors available:
film (C3/C4), MKS (C8/C9 & C46/C47),
SMD (C38/C39) or bypassed with relay K5

Low pass input filter

Input impedance matching circuit

The MUSE circuit shows UGS configuration
for AOP module configuration
R38, R39, R40, R41, R42, R43 need to be replaced

This socket M1 is compatible
with UGS module (MUSE – attenuation only) or as well
with AOP module (MUSE – attenuation & gain)

This socket M2 is compatible
with UGS module (gain stage)

Earth filter (earth can be as well connected
to UGS chassis by shorting JP3)

FB2 is not mounted but can be mounted
to short analog and digital ground if any problem

To mount FB5, FB6 or FB8 according to power supply scheme chosen:
Muse & UGS +15 to +18V => FB5 & FB8 mounted
Muse +15 to +18V & UGS +24V => FB6 & FB8 mounted

To mount FB4, FB7 or FB9 according to power supply scheme chosen:
Muse & UGS −15 to −18V => FB4 & FB9 mounted
Muse −15 to −18V & UGS −24V => FB7 & FB9 mounted

If +/−Vcc_ugs < 24V, the polarization of the module
has to be adjusted to +Vcc/−Vcc values.
(I'll publish an excel file with polarization variants)

DIY_06 (Alex_twn & Eric.D)		
File: Left_preamp.sch		
Sheet: /		
Title: Left preamp board		
Size: A3	Date: 21 dec 2015	Rev: 1.2
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