

3

Low Noise Preamplifier with following Specification:
SA-220F5

Frequency range	0-80 MHz
Input Waveform	AC Coupling, unbalanced Single Ended
Input Impedance	1mega ohm
Input Voltage Noise density	0.7nV/√Hz max. (100kHz) 0.5nV/√Hz typ. (10k to 1MHz)
Input Current noise density	200fA/√Hz typ.(100kHz)
Voltage gain	46 ± 0.5dB / 50Ω (1kHz)
Power Require	± 15V ±5%
Harmonic distortion	Not allowed
Voltage gain	46 ± 0.5dB / 50Ω (1kHz)
Output impedance	50Ω ± 5% (100kHz)
Maximum Output Voltage	2.0Vp-pmin +5%

Low noise Power Source with following Specification:
LP5394

Output Noise	10 μVrms or lower (typ.) (10 Hz to 20 MHz bandwidth)
Output voltage Stability	±10 ppm/°C (typ.)
Output voltage	0 to ±15 V
Output current	0.1 A max
Voltage setting range	3 V, 5 V, 10 V or 15 V F.S.
	Precisely adjusts the output voltage using the 10-turn potentiometer

Signature