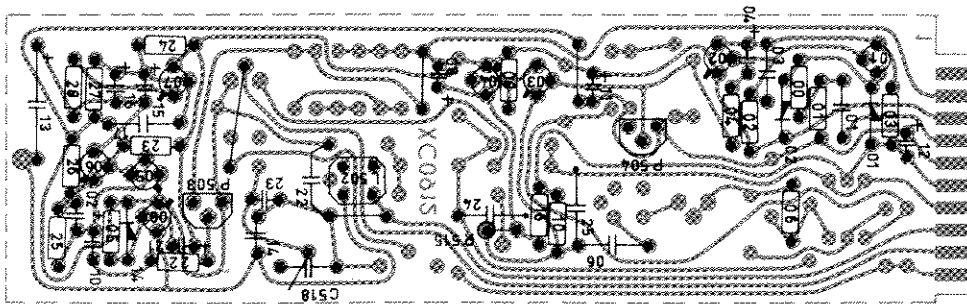


Circuit and Layout Diagrams with Parts List

ZE 0189
Record Amplifier



viewed from the component side

Part No.	Value	Material	Part No.	Value	Material	Part No.	Value	Material
C 501	0.1 μ F/100 V	Polyester	R 502	5.6 K Ω	Carbon	V 501	FET	N
C 502	82 pF/400 V	Ceramic	R 503	8.2 K Ω	Carbon	V 502	Silicon	PNP
C 503	200 pF/100 V	Polystyrene	R 504	6.8 K Ω	Carbon	V 503	10 K Ω	Trimmer
C 504	15 μ F/ 20 V	Tantalum	R 505	2.2 K Ω	Carbon	V 504	22 K Ω	PG 3220
C 505	15 μ F/ 20 V	Tantalum	R 506	2.2 K Ω	Carbon	V 505	150 V/300 mA	QV 0217
C 506	680 pF/125 V	Polystyrene	R 507	1 K Ω	Carbon	V 506	150 V/300 mA	QV 0217
C 507	47 μ F/ 6.3 V	Tantalum	R 508	470 Ω	Carbon	V 507	150 V/300 mA	QV 0217
C 508	47 μ F/ 6.3 V	Tantalum	R 509	1 K Ω	Carbon	V 508	150 V/300 mA	QV 0217
C 509	15 μ F/ 20 V	Electrolytic	R 510	4.7 K Ω	Carbon	V 509	150 V/300 mA	QV 0217
C 510	15 μ F/ 20 V	Electrolytic	R 511	4.7 K Ω	Carbon	V 510	150 V/300 mA	QV 0217
C 511	100 μ F/ 6.3 V	Electrolytic	R 512	4.7 K Ω	Carbon	V 511	150 V/300 mA	QV 0217
C 512	820 pF/125 V	Ceramic	R 513	4.7 K Ω	Carbon	V 512	150 V/300 mA	QV 0217
C 513	820 pF/125 V	Ceramic	R 514	2.2 K Ω	Carbon	V 513	150 V/300 mA	QV 0217
C 514	820 pF/125 V	Ceramic	R 515	2.2 K Ω	Carbon	V 514	150 V/300 mA	QV 0217
C 515	100 μ F/ 3 V	Tantalum	R 516	2.2 K Ω	Carbon	V 515	150 V/300 mA	QV 0217
C 516	100 μ F/ 3 V	Tantalum	R 517	2.2 K Ω	Carbon	V 516	150 V/300 mA	QV 0217
C 517	510 pF/125 V	Polystyrene	R 518	2.2 K Ω	Carbon	V 517	150 V/300 mA	QV 0217
C 518	Variable	Variable	R 519	15 K Ω	Carbon	V 518	150 V/300 mA	QV 0217
C 519	10-60 pF/160 V	Variable	R 520	15 K Ω	Carbon	V 519	150 V/300 mA	QV 0217
C 520	15 μ F/ 20 V	Tantalum	R 521	15 K Ω	Carbon	V 520	150 V/300 mA	QV 0217
C 521	15 μ F/ 20 V	Tantalum	R 522	15 K Ω	Carbon	V 521	150 V/300 mA	QV 0217
C 522	1.8 nF/125 V	Polystyrene	R 523	15 K Ω	Carbon	V 522	150 V/300 mA	QV 0217
C 523	47 pF/400 V	Ceramic	R 524	18 K Ω	Carbon	V 523	150 V/300 mA	QV 0217
C 524	680 pF/125 V	Polystyrene	R 525	18 K Ω	Carbon	V 524	150 V/300 mA	QV 0217
C 525	680 pF/125 V	Polystyrene	R 526	330 Ω	Carbon	V 525	150 V/300 mA	QV 0217
L 502	Coil for Bias Trap	0.5 mH	R 527	330 Ω	Carbon	V 526	150 V/300 mA	QV 0217
P 503	Trimmer	10 K Ω	R 528	330 Ω	Carbon	V 527	150 V/300 mA	QV 0217
P 504	22 K Ω	PG 3220	R 529	330 Ω	Carbon	V 528	150 V/300 mA	QV 0217
Q 514	BAX 16	150 V/300 mA	R 530	330 Ω	Carbon	V 529	150 V/300 mA	QV 0217
Q 501,502	BAX 16	150 V/300 mA	R 531	330 Ω	Carbon	V 530	150 V/300 mA	QV 0217
R 500	Carbon	1/4 W	R 532	330 Ω	Carbon	V 531	150 V/300 mA	QV 0217
R 501	Carbon	1/4 W	R 533	330 Ω	Carbon	V 532	150 V/300 mA	QV 0217

Printed Circuit Board

XC 0912