EMG MADE EASY: Parts	List
ICs.	
O INA 106 Differential Orang (IC1) O TLOSY Quad Orang (IC2)	
OTLOS4 Quad O, Amy (IE2)	
Resistors	cs = INA 106 is easily damaged by Static.
3 1 L Q (R5, R6, R8)	- Never conract jour to One-Am, inguts unless of-am, is
() 10k A (R4) () 12k A (R10)	- Since the EMG will be connected to the body,
(R9)	bateries.
(1) 100k (R7) (2) IM (R1, R2)	- TLOBY can be substituted for a GV rail-to-rail guard of any with good results, It is used here for
Capacitors	- C4 can be switched out for any desired value
	of cognitor higher values will act like a soustain
(4) Inf (CI,CZ,C3) (C4 alt) (1) 0.47 nf (C4 Alt)	- Use an oscilloscope with horizontal range of
(C4 Ak) (D O, INF (C4 Ak)	50ms to view muscle contraction, set to
Diodes	- 60 Hz noise can be dimincted by using a
@ IN4148 (DI,DZ)	bettery-jourced oscilloscope of your scope jicks of wall-current roise, and by rearranging EMG leads corefully (experiment with best position).
	corefully leger ment with best position).
2 9V Batteries 3 EMG Leads, or alligator jumpers 3 EMG Electrodes	
(3) EMG Electrodes	