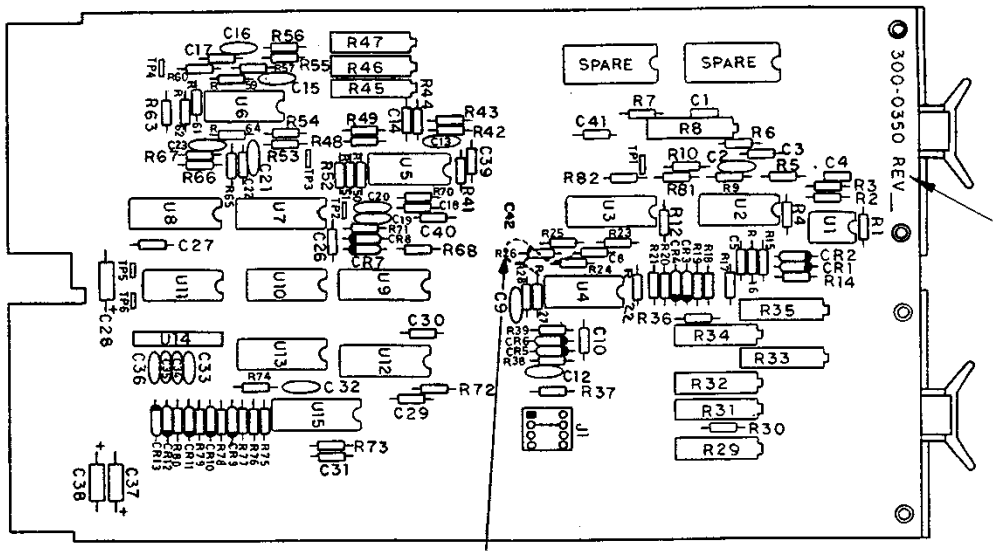

PUMA Unimate Mark I controller analog servo card.

This card pre-conditions the analog signals including analog encoder phases and drive signals to the power amplifiers. The encoder phases are sub-TTL sinewaves that must be level shifted and squared up. The index pulse is a TTL-compatible pulse that is not conditioned by this card. The motor drive signals are open-loop compensated for motor voltage and current by these cards. There is one card per joint and all cards are identical.