

4-Quadrant CVCC HP

VM=(Vout-1.8)/10+1.8

5V

MCP1541T IC11

R24 R25

C38 C39

GND

5V

C37 C36

GND

IC10 LTC1664

REF VCC CLR

VOUTA VOUTB VOUTC VOUTD NC DOUT

GND

5V

C37 C36

GND

IC7 LT1970A

VCC V+ V- VC_SRC VC_SINK VC_ISRC VC_ISNK TSD

IN+ IN- COMM VEE

OUT

1 2 3 4 5 6 7 8 9 10

R11 R12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28

C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39

GND

+UB

-UB

TR1 2SJ349

TR2 2SK2420

CN2

CN3

IC9G\$1 IC9G\$2 IC9G\$3

ADA4522-2

BUF

IM

VM

x3 Gain

