

QUAD OPERATIONAL AMPLIFIER

155-0035-00
155-0116-00

M053B

DESCRIPTION

Four operational amplifiers on a chip with the following specifications:

Maximum Power Dissipation	500 mW at 25°C Derate 5 mW/°C to 125°C
Power Supplies	± 5 to ± 15 V
Open Loop Gain	> 1500
Gain Bandwidth	> 80 MHz
Input Offset	< 5 mV
Output Swing	- 0.7 w.r.t. Input Level To +V _{CC} -1.5V
Maximum Output Current	20 mA (Limited By Package Dissipation)

The amplifier is stable in all modes without external compensation if $C_L \leq 10$ pF.

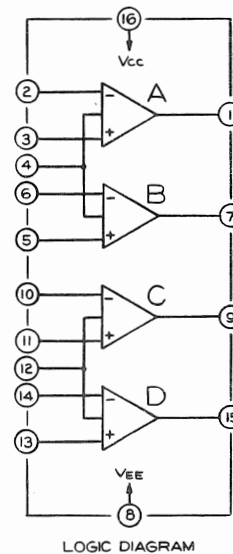
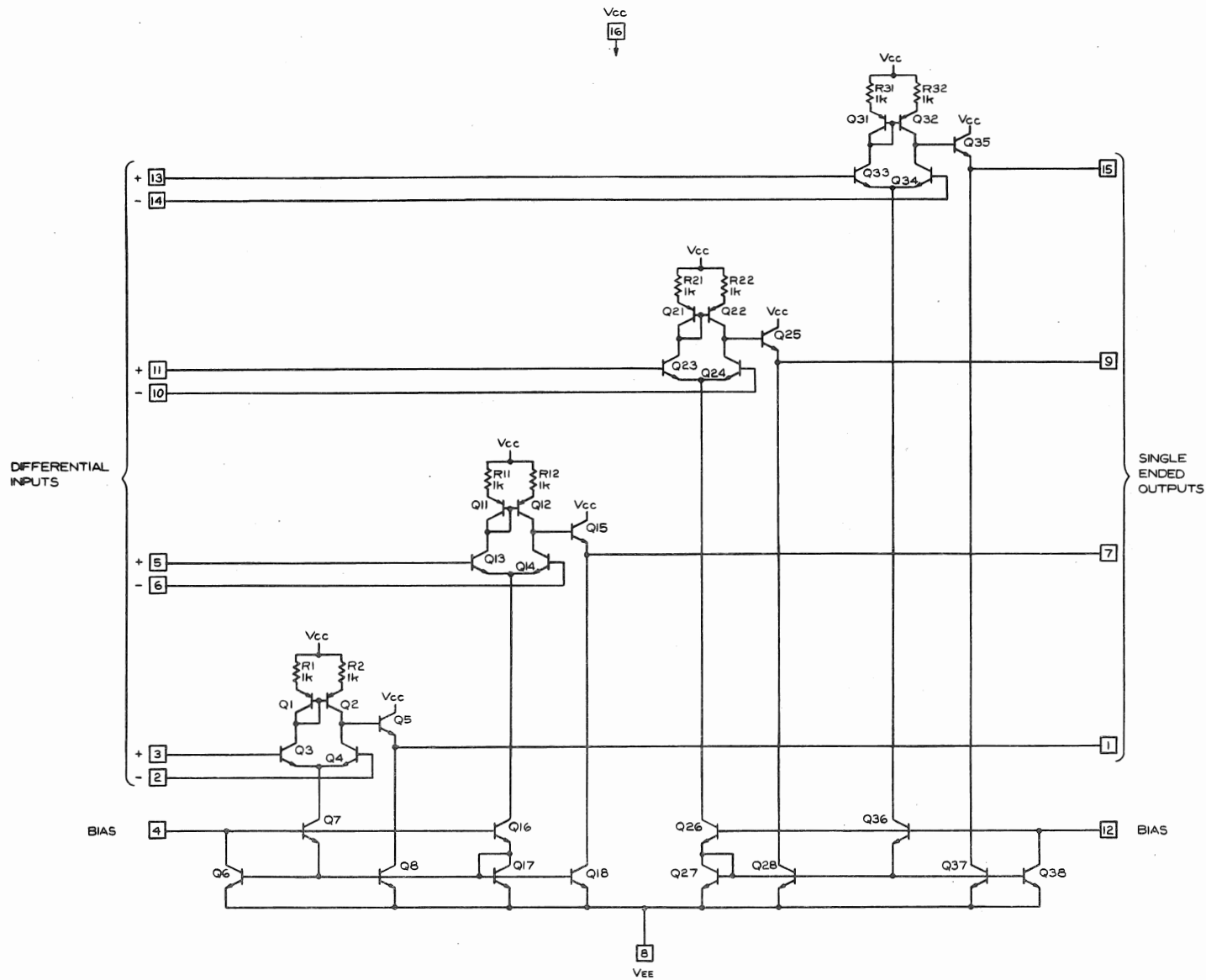
PROCESS 200 Ω/Sq

POWER SUPPLY.

PACKAGE	155-0035-00 (16 DIP Plastic)
	155-0116-00 (16 DIP Ceramic)

DESIGNER Mike Metcalf

INSTRUMENT USAGE	3110	7L5	4010
	7L12	4011	7L13
	4012	7S12	4013
	7T11	4602	S6
	613	P7001	653
	1461		



ENGR	<i>Am. d. Austin</i>	6-30-75	PROCESS	200 μ /s
DWN BY	J. Langley	6-18-75	PACKAGE	16 PIN DIP
CHK BY	C. WESTON	10-9-75	DIE SIZE	40mil X 40mil
TYPE	MONOLITHIC	QUAD OPERATIONAL		MO53B
INTEGRATED CIRCUIT ENG/MFG	TEKTRONIX, INC.	AMPLIFIER		
	BEAVERTON, OREGON, U.S.A.	PART NO. 155-0035-00/155-0116-00		