

LINEAR INTEGRATED CIRCUITS

NTE1934X TO3P, See Diag. 59c
Positive Voltage Regulator

V_{IN}
 $V_{OUT}/Case$
GND

NTE1942 5-Lead TO220, See Diag. 205
Positive Voltage Regulator,
Adjustable

V_{IN} V_{OUT}
Limiting Reference
GND

NTE1960 NTE1962, TO220, See Diag. 560c
NTE1964, NTE1966, NTE1968,
NTE1970, NTE1972, NTE1974,
NTE1976, Positive Voltage Regulator,
Isolated Tab

V_{IN}
GND
 V_{OUT}

NTE1961, NTE1963, TO220, See Diag. 560d
NTE1965, NTE1971, NTE1973,
NTE1975
Negative Voltage Regulator,
Isolated Tab

GND
 V_{IN}
 V_{OUT}

NTE2000 16 + 2-Lead DIP, See Diag. 315
Dolby® B Type Noise Reduction System,
 $V_{CC} = 16V$

V_{CC} 17
Bias Supply 1 16 Bias Bypass
Input 2 15 Input
Rectifier Switch 3 14 Rectifier Output
Dolby® ON/OFF Sw 4 13 Dolby® ON/OFF Sw
Emphasis/
De-Emphasis Switch 5 12 Emphasis/
To Rectifier Input 6 11 To Rectifier Input
Stage Bypass 7 10 Stage Bypass
Output 8 9 Output
GND 18

NTE2001 16-Lead DIP, See Diag. 249
Dolby® B Type Noise Reduction System,
 $V_{CC} = 24V$

Input 1 16 V_{CC}
Input 2 15 Bypass
Output 3 14 Bypass
Reference 4 13 Reference
Input 5 12 Input
Output 6 11 Output
Output 7 10 Bypass
Bypass 8 9 GND

NTE2003 16-Lead DIP, See Diag. 338
Dolby® Noise Reduction Processor,
 $V_{CC} = 24V$

Variable Impedance Input 1 16 V_{CC}
Amp B Input 2 15 Variable Impedance Control
Amp B Output 3 14 Rectifier Output
Bias 4 13 Rectifier Bias
Amp A Input 5 12 Rectifier Input
Amp A Output 6 11 Amp D Output
Amp Σ Output 7 10 Amp D Feedback Decoupling
Decoupling 8 9 GND

NTE2004 16-Lead DIP, See Diag. 249
Dolby® Noise Reduction System,
 $V_{CC} = 24V$

C Input 1 16 V_{CC}
B Input 2 15 F Control
B Output 3 14 G Output
Reference 4 13
A Input 5 12 D Input
A Output 6 11 C Output
 Σ Output 7 10 D Filter
8 9 GND

Blank space for diagrams.

See Diagrams, beginning on Page 1-227