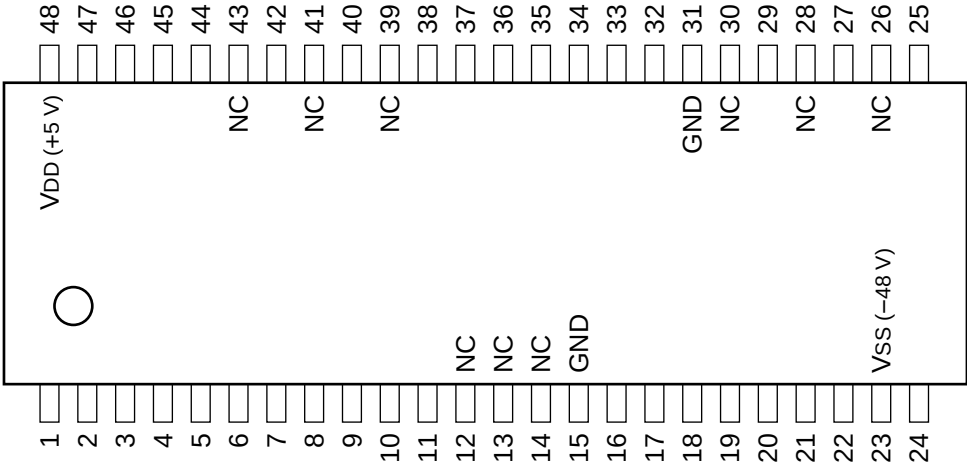


ANALOG SUBSCRIBER LINE INTERFACE CIRCUIT

—TOP VIEW—



(VDD = +5 V, VSS = -48 V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	DC OUT3	13	—	NC	25	O	RY1	37	O	TB
2	O	DC OUT2	14	—	NC	26	—	NC	38	O	TE
3	O	DC OUT1	15	—	GND	27	O	RY2	39	—	NC
4	I	DC IN1	16	—	NC	28	—	NC	40	I/O	TS
5	I	DC IN2	17	I	PD	29	O	RY3	41	—	NC
6	O	BB OUT	18	I	ALM	30	—	NC	42	I/O	RS
7	O	ASCN	19	I	BCUT	31	—	GND	43	—	NC
8	O	AGDT	20	I	RC1	32	O	REF	44	O	RE
9	I	BIAS	21	I	RC2	33	I	OP IN+	45	O	RB
10	I	RX	22	I	RC3	34	I	OP IN-	46	I	CPSR
11	I	ACOM	23	—	VSS	35	O	TX	47	I	TTX IN
12	—	NC	24	O	TEF	36	—	CDC	48	—	VDD

INPUT

ACOM	: ANALOG COMMON VOLTAGE
ALM	: ALARM
BCUT	: BATTERY FEEDOUT
BIAS	: BIAS LEVEL
CDC	: DC FEEDBACK CAPACITOR
CPSR	: POWER SUPPLY REJECTION CAPACITOR
DC IN1, DC IN2	: DC FEEDBACK CONTROL
OP IN-	: TELETAX SIGNAL CANCEL IN (-)
OP IN+	: TELETAX SIGNAL CANCEL IN (+)
PD	: POWER DOWN CONTROL
RC1 - RC3	: RELAY CONTROL
RX	: SIGNAL RECEPTION
TTX IN	: TELETAX SIGNAL

OUTPUT

AGDT	: ANALOG GROUND DETECTION SIGNAL
ASCN	: ANALOG LOOP DETECTION SIGNAL
BB OUT	: V _{BB} VOLTAGE INFORMATION
DC OUT1 - DC OUT3	: DC FEEDBACK CONTROL
RB	: RING BASE
RE	: RING EMITTER
REF	: RING EMITTER PROTECT FEED
RY1 - RY3	: RELAY DRIVER
TB	: TIP BASE
TE	: TIP EMITTER
TEF	: TIP EMITTER PROJECT FEED
TX	: TRANSMISSION

INPUT/OUTPUT

RS	: RING SENSE
TS	: TIP SENSE

