

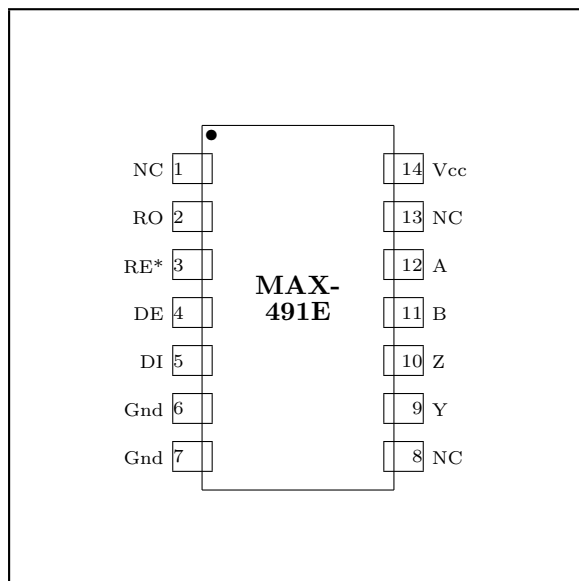
TXB Related Pinouts

16 June 2008

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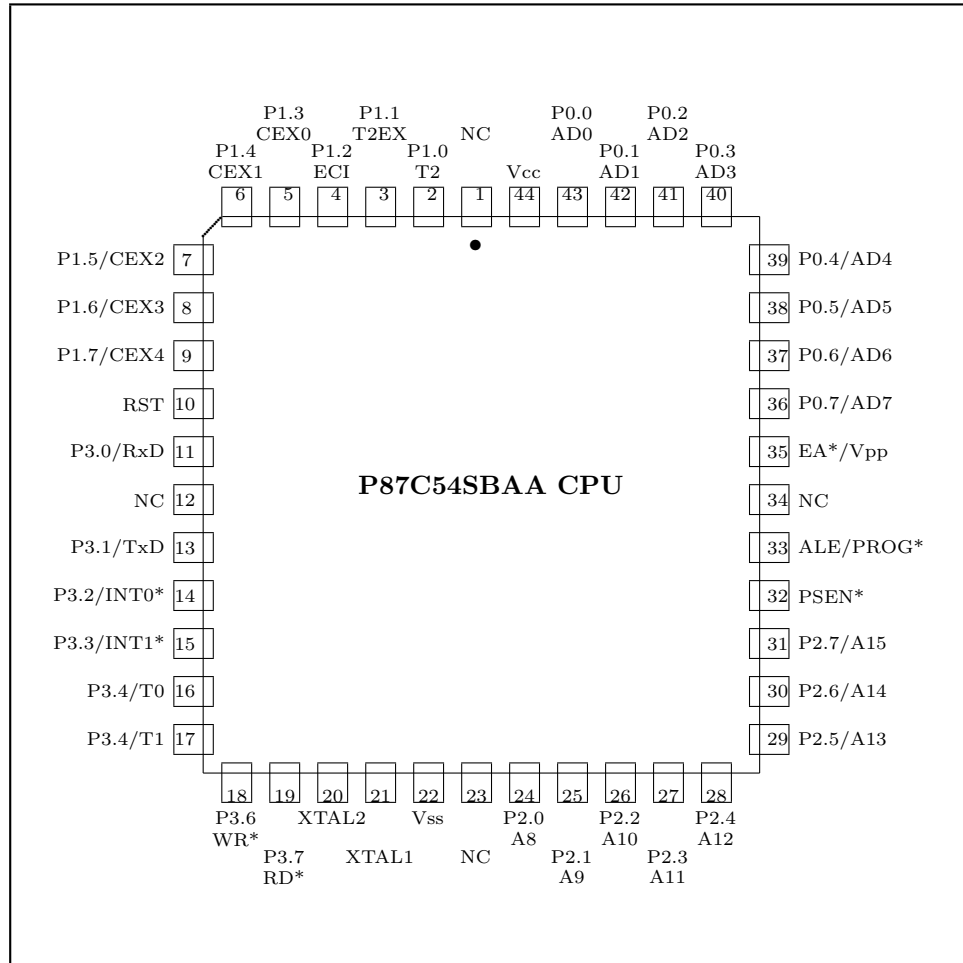


\$RCSfile: ChipShap.inc,v \$

Figure 1: MAX491E pin assignments

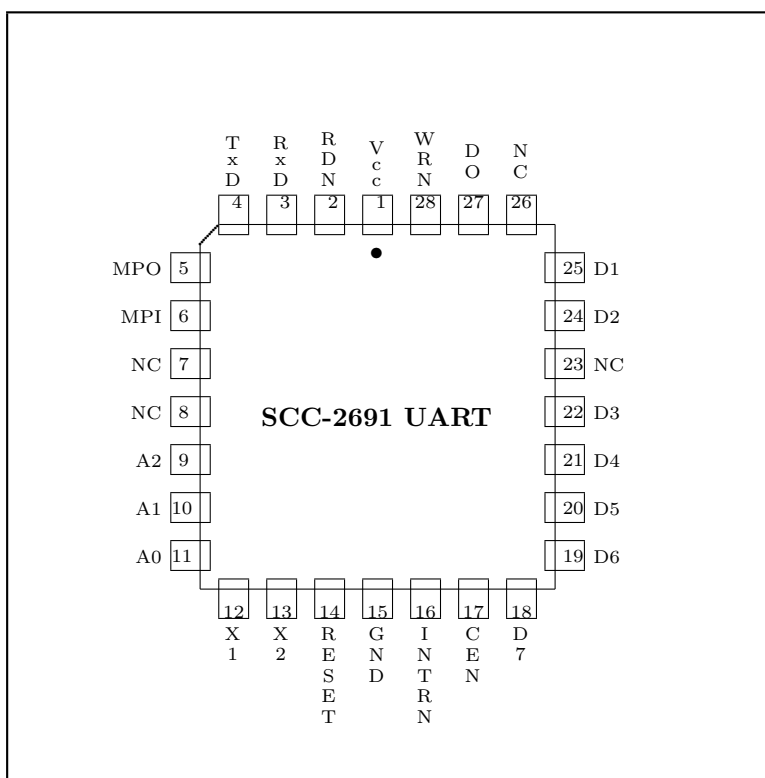
Pin	Name	Use
1	NC	No Connection
2	RO	Receiver Output to UART
3	RE*	Receiver Output Enable from CPU
4	DE	Driver Output Enable, X and Y are enabled when DE is high.
5	DI	Driver Input from UART
6	Gnd	Ground
7	Gnd	Ground
8	NC	No Connection
9	Y	Noninverting Driver Output to Head End
10	X	Inverting Driver Output to Head End
11	B	Inverting Receiver Input from Head End
12	A	Noninverting Receiver Input from Head End
13	NC	No Connection
14	Vcc	Power in

²\$Header: d:/txb-sc/RCS/ChipShap.inc,v 1.4 2006-09-19 13:12:33-07 Hamilton Exp Hamilton \$



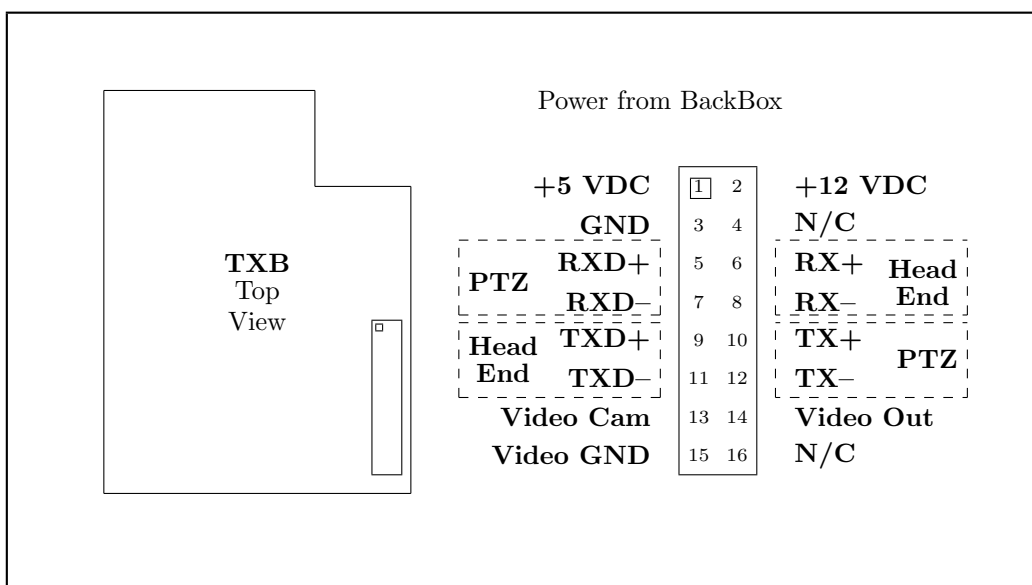
\$RCSfile: ChipShap.inc,v \$

Figure 2: P87C54SBAA pin assignments



\$RCSfile: ChipShap.inc,v \$

Figure 3: SCC2691 pin assignments



\$RCSfile: 16Pins.inc,v \$

Figure 4: TXB pin outs

TXB Name		Pin	Spectra Name	
Direction	Name	#	Name	Connector
—	+5V	1	Open	—
—	+12V	2	+12V	—
—	Gnd	3	Gnd	—
—	Open	4	Open	—
To Camera	RXD+	5	RXD+	J6-6
From Control	RX+	6	RX+	P4-4
To Camera	RXD-	7	RXD-	J6-7
From Control	RX-	8	RX-	P4-3
From Control	TDX+	9	TXD+	J6-4
To Camera	TX+	10	TX+	P4-1
From Control	TXD-	11	TXD-	J6-5
To Camera	TX-	12	TX-	P4-2
—	Video	13	Video Cam	J7-10
—	Video	14	Video Out	J1
—	Gnd	15	Gnd	—
—	Open	16	Open	—

\$RCSfile: 16Pins.inc,v \$

Table 1: TXB RS-422 signal names *vs.* Spectra signal names, from SH11-0006-00B0 and SH05-0007-00F



Table 2: TXB RS-422 signal names *vs.* Spectra signal names, from SH11-0006-00B0 and SH05-0007-00F, upside down

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