



**LAYOUT NOTES:**

Capacitors C2, C3, C4, C5, C6, C7 Please keep close to Tuner

Inductors L2, L3, L4, L5 Please keep close to Tuner

All 0402 components can be changed to 0603 if required.

**A0,A1 CONTROL LINES:**

A1	A0	Addr-Write	Addr-Read
0	0	0xc8h	0xc9h
0	1	0xcah	0xcbh
1	0	0xch	0xdh
1	1	0xkeh	0xfh

**DIGITAL UP DOWN GAIN CONTROL USING GAIN0,GAIN1:**

0x8D[3]	GAIN0	GAIN1	STATE
1	0	0	No Change
1	0	1	Up
1	1	0	Down
1	1	1	No Change

**CONTROL PINS:**

PowerDown (PDNB) - Needs 10K Pullup 1V5 to 3V3

Standby (STBYB) - Needs 10K Pullup 1V5 to 3V3

A1 - Voltage Range 1V5 to 3V3

A0 - Voltage Range 1V5 to 3V3

Please refer section 1.1 of datasheet for further details.

Title		E4000 Reference Schematic
Size	Document Number	Rev
A3	E4000_REFSCH_REV4	2.0
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