

```
|-----|
| Bill Of Materials for d2.sch on Thu MAY 19 11:51:45 2004 |
|-----|
```

```
| Item | Value      | Imanuf.      | I REF-DES |
|-----+-----+-----+-----|
```

```
| 1 | | | ad1955 | U3 |
| 7 | | | 11.2896 / 22.5792M | U1 |
| 8 | | | 74HCU04 | U10 |
| 12 | | | dir1703 | U2 |
| 19 | | | singal op-amp | U11 |
| 20 | | | singal op-amp | U12 |
| 21 | | | singal op-amp | U13 |
| 22 | | | singal op-amp | U14 |
| 23 | | | singal op-amp | U15 |
| 24 | | | singal op-amp | U16 |
```

```
| 13 | | | LED | D1 |
```

```
| 9 | | | 16PIN DIP switch | SW1 |
```

```
| 14 | | | Ferrite bead | F1 |
```

```
| 15 | | | Ferrite bead | F2 |
```

```
| 16 | | | Ferrite bead | F3 |
```

```
| 17 | | | Ferrite bead | F4 |
```

```
| 173 | | | ??? | L1 |
```

```
| 174 | | | ??? | L2 |
```

```
| 175 | | | ??? | L3 |
```

```
| 176 | | | ??? | L5 |
```

```
| 177 | | | ??? | L6 |
```

```
| 178 | | | ??? | L10 |
```

```
| 179 | | | ??? | L11 |
```

```
| 25 | | | Pulse Transformer | T1 |
```

```
| 18 | | | short when pulse Transformer is not used | JP1, JP2 |
```

```
| 72 | | | 1.2k | DIR1703 filter | R5 |
```

```
| 116 | | | 30 | 12S resistor | R1 |
```

```
| 117 | | | 30 | 12S resistor | R2 |
```

```
| 118 | | | 30 | 12S resistor | R3 |
```

```
| 119 | | | 30 | 12S resistor | R60 |
```

```
| 101 | | | 2.8k | Vref | R27 |
```

```
| 102 | | | 226 | A. filter | R42 |
```

```
| 103 | | | 226 | A. filter | R43 |
```

```
| 104 | | | 226 | A. filter | R47 |
```

```
| 105 | | | 226 | A. filter | R48 |
```

I106	12k	IA. filter	IR31	
I107	12k	IA. filter	IR32	
I108	12k	IA. filter	IR37	
I109	12k	IA. filter	IR38	
I110	12k	IA. filter	IR53	
I111	12k	IA. filter	IR54	
I112	12k	IA. filter	IR58	
I113	12k	IA. filter	IR59	
I73	I100	IA. filter	IR33	
I74	I100	IA. filter	IR34	
I75	I100	IA. filter	IR35	
I76	I100	IA. filter	IR45	
I77	I100	IA. filter	IR46	
I78	I100	IA. filter	IR55	
I79	I100	IA. filter	IR56	
I80	I100	IA. filter	IR57	
I81	I100	IA. filter	IR70	
I82	I100	IA. filter	IR71	
I83	I100	IA. filter	IR72	
I120	I324	IA. filter	IR40	
I121	I324	IA. filter	IR41	
I122	I324	IA. filter	IR49	
I123	I324	IA. filter	IR50	
I138	I332	IA. filter	IR20	
I139	I332	IA. filter	IR44	
I163	I681	IA. filter	IR36	
I164	I681	IA. filter	IR39	
I165	I681	IA. filter	IR51	
I166	I681	IA. filter	IR52	
I168	I75	ISPDIF resistor	IR6	
I92	I10k	I reset RC	IR7	
I93	I10k	I reset RC	IR8	
I94	I1M	I spdif FB resistor	IR4	
I95	I2.21k	IVref	IR26	
I96	I2.49k	I1955 ref resistor	IR25	
I154	I470		IR23	
I26	I0.01u SMD		IC6	
I27	I0.01u SMD		IC7	
I28	I0.01u SMD		IC12	
I29	I0.01u SMD		IC13	

I30	10.01u SMD		C50	
I31	10.01u SMD		C59	
I32	10.01u SMD		C67	
I33	10.01u SMD		C70	
I34	10.01u SMD		C74	
I35	10.01u SMD		C77	
I36	10.01u SMD		C90	
I37	10.01u SMD		C93	
I38	10.01u SMD		C97	
I39	10.01u SMD		C100	
I40	10.01u SMD		C102	
I41	10.01u SMD		C105	
I42	10.1u	SOLEN	C28	
I43	10.1u	WIMA 5MM PITCH	C5	
I44	10.1u	WIMA 5MM PITCH	C22	
I45	10.1u	WIMA 5mm patch	C26	
I46	10.1u	WIMA 5MM PITCH	C53	
I47	10.1u	WIMA 5MM PITCH	C56	
I48	10.1u	WIMA 5MM PITCH	C108	
I49	10.1u	WIMA 5MM PITCH	C113	
I50	10.1u	WIMA 5MM PITCH	C116	
I51	10.1u	WIMA 5MM PITCH	C117	
I52	10.1u	WIMA 5MM PITCH	C122	
I53	10.1u	WIMA 5MM PITCH	C126	
I54	10.1u	WIMA 5MM PITCH	C131	
I55	10.1u	WIMA 5MM PITCH	C147	
I56	10.1u	WIMA 5MM PITCH	C3	
I57	10.1u	WIMA 5MM PITCH	C8	
I58	10.1u	WIMA 5MM PITCH	C49	
I59	10.1u	WIMA 5MM PITCH	C58	
I60	10.1u	WIMA 5MM PITCH	C68	
I61	10.1u	WIMA 5MM PITCH	C71	
I62	10.1u	WIMA 5MM PITCH	C75	
I63	10.1u	WIMA 5MM PITCH	C78	
I64	10.1u	WIMA 5MM PITCH	C89	
I65	10.1u	WIMA 5MM PITCH	C92	
I66	10.1u	WIMA 5MM PITCH	C96	
I67	10.1u	WIMA 5MM PITCH	C99	
I68	10.1u	WIMA 5MM PITCH	C103	
I69	10.1u	WIMA 5MM PITCH	C106	
I70	10.1uF	WIMA 5MM PITCH	C11	
I71	10.1uF	WIMA 5MM PITCH	C14	
I84	1 1000uF	PHILIP / ELNA/ BG	C54	
I85	1 100p	PHILIP axial	C66	
I86	1 100p	PHILIP axial	C73	

I 87	I 100p	I PHILIP axial	I C94	I
I 88	I 100p	I PHILIP axial	I C101	I
I 89	I 100p	I PHILIP axial	I C125	I
I 90	I 100p	I PHILIP axial	I C132	I
I 91	I 100uF	I PHILIP / ELNA/ BG	I C55	I
I 159	I 5.6n	I PHILIP axial	I C80	I
I 160	I 5.6n	I PHILIP axial	I C81	I
I 161	I 5.6n	I PHILIP axial	I C86	I
I 162	I 5.6n	I PHILIP axial	I C87	I
I 97	I 2.7n	I PHILIP axial	I C82	I
I 98	I 2.7n	I PHILIP axial	I C83	I
I 99	I 2.7n	I PHILIP axial	I C84	I
I 100	I 2.7n	I PHILIP axial	I C85	I
I 114	I 3.3u	I reset RC	I C1	I
I 115	I 3.3u	I reset RC	I C17	I
I 124	I 3300u	I elna / philip	I C109	I
I 125	I 3300u	I elna / philip	I C112	I
I 126	I 3300u	I elna / philip	I C115	I
I 127	I 3300u	I elna / philip	I C118	I
I 128	I 3300u	I elna / philip	I C121	I
I 129	I 3300u	I elna / philip	I C127	I
I 130	I 3300u	I elna / philip	I C130	I
I 131	I 3300u	I elna / philip	I C110	I
I 132	I 3300u	I elna / philip	I C111	I
I 133	I 3300u	I elna / philip	I C114	I
I 134	I 3300u	I elna / philip	I C119	I
I 135	I 3300u	I elna / philip	I C120	I
I 136	I 3300u	I elna / philip	I C128	I
I 137	I 3300u	I elna / philip	I C129	I
I 140	I 47-100uF	I ELNA 5MM PITCH	I C51	I
I 141	I 47-100uF	I ELNA 5MM PITCH	I C52	I
I 142	I 47-100uF	I ELNA 5MM PITCH	I C48	I
I 143	I 47-100uF	I ELNA 5MM PITCH	I C57	I
I 144	I 47-100uF	I ELNA 5MM PITCH	I C69	I
I 145	I 47-100uF	I ELNA 5MM PITCH	I C72	I
I 146	I 47-100uF	I ELNA 5MM PITCH	I C76	I
I 147	I 47-100uF	I ELNA 5MM PITCH	I C79	I
I 148	I 47-100uF	I ELNA 5MM PITCH	I C88	I
I 149	I 47-100uF	I ELNA 5MM PITCH	I C91	I
I 150	I 47-100uF	I ELNA 5MM PITCH	I C95	I
I 151	I 47-100uF	I ELNA 5MM PITCH	I C98	I
I 152	I 47-100uF	I ELNA 5MM PITCH	I C104	I

153	47-100uF	ELNA 5MM PITCH	C107		
155	470uF	OS-CON/RUBYCON MBZ	C2		
156	470uF	PHILIP/ELNA/BG	C9		
157	470uF	OS-CON/RUBYCON MBZ	C10		
158	470uF	PHILIP / ELNA/ BG	C15		
167	68p	DIR1703 filter	C25		
169	8.2n	DIR1703 filter	C24		
170	820u-1000u	OS-CON/RUBYCON MBZ	C4		
171	820u-1000u	OS-CON/RUBYCON MBZ	C23		
172	820u-1000u	OS-CON/RUBYCON MBZ	C27		
180			RCA1		
181			RCA2		
182			RCA3		
183			J1		
184			J2		
185			J10		
2			J3		
3			J4		
4			J5		
5			J8		
6			J6		
