

5 Multislope ADC current source setting resistor R212 26k600

1995	1998	1999	2000	2006																					
Alpha Electronics HD <table border="1"> <thead> <tr> <th>Type</th> <th>TCR (ppm/°C) -55°C to +125°C*</th> <th>Resistance Range (Ω)</th> </tr> </thead> <tbody> <tr> <td>HD</td> <td>0±2.5 (Y)</td> <td>30 to 120k</td> </tr> </tbody> </table> <p>Moisture Resistance ±0.0025% Storage Life ±0.0005% / 10,000 hrs. Thermal EMF 0.1 μV/°C</p>		Type	TCR (ppm/°C) -55°C to +125°C*	Resistance Range (Ω)	HD	0±2.5 (Y)	30 to 120k	MC <p>Moisture Resistance ±0.01% Storage Life ±0.0025% / 10,000 hrs. Thermal EMF 1.0 μV/°C</p> <table border="1"> <thead> <tr> <th colspan="5">TCR, RESISTANCE RANGE, TOLERANCE, RATED POWER</th> </tr> <tr> <th>Type</th> <th>TCR (ppm/°C) -55°C to +125°C*</th> <th>Resistance Range (Ω)</th> <th>Resistance Tolerance (%)†‡</th> <th>Rated Power (W) at 125°C</th> </tr> </thead> <tbody> <tr> <td>MC</td> <td>0±2.5 (Y)</td> <td>30 to 200k</td> <td>±0.005 (V) ±0.01 (T) ±0.02 (Q) ±0.05 (A) ±0.1 (B) ±0.5 (D) ±1 (F)</td> <td>0.3 (0.2 at 150 kΩ or above)</td> </tr> </tbody> </table>			TCR, RESISTANCE RANGE, TOLERANCE, RATED POWER					Type	TCR (ppm/°C) -55°C to +125°C*	Resistance Range (Ω)	Resistance Tolerance (%)†‡	Rated Power (W) at 125°C	MC	0±2.5 (Y)	30 to 200k	±0.005 (V) ±0.01 (T) ±0.02 (Q) ±0.05 (A) ±0.1 (B) ±0.5 (D) ±1 (F)	0.3 (0.2 at 150 kΩ or above)
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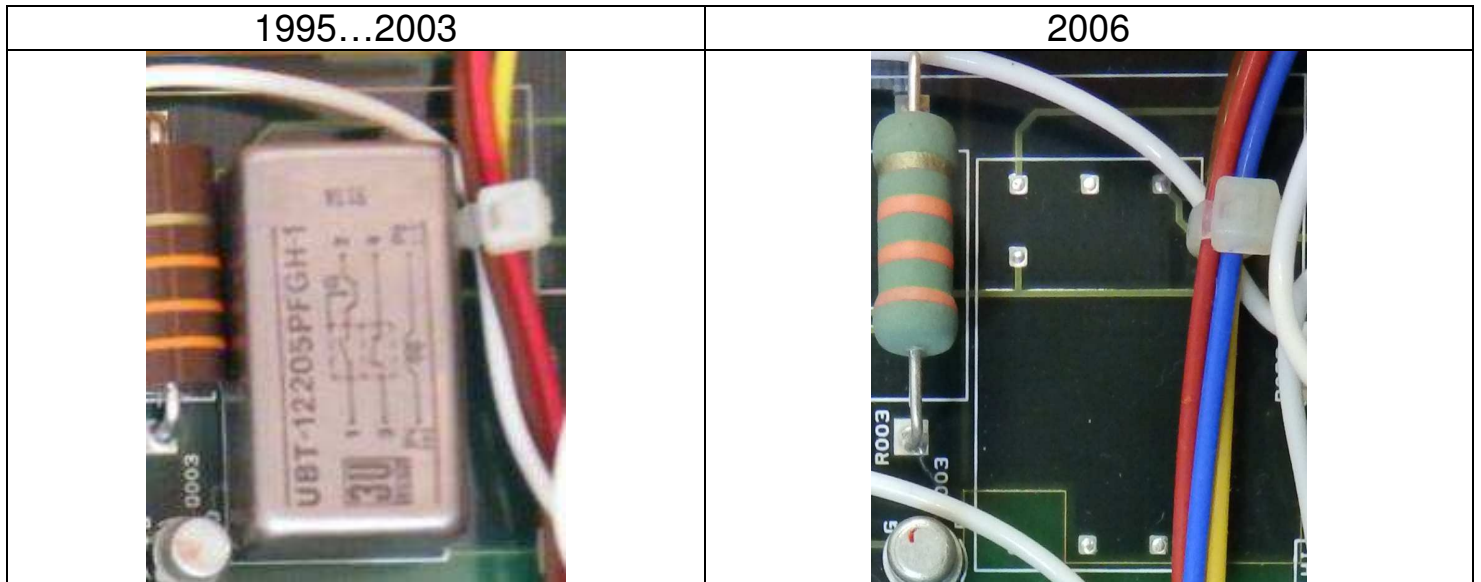
6 Multislope ADC current sources op amps

1995	1998	2000	2003	2006
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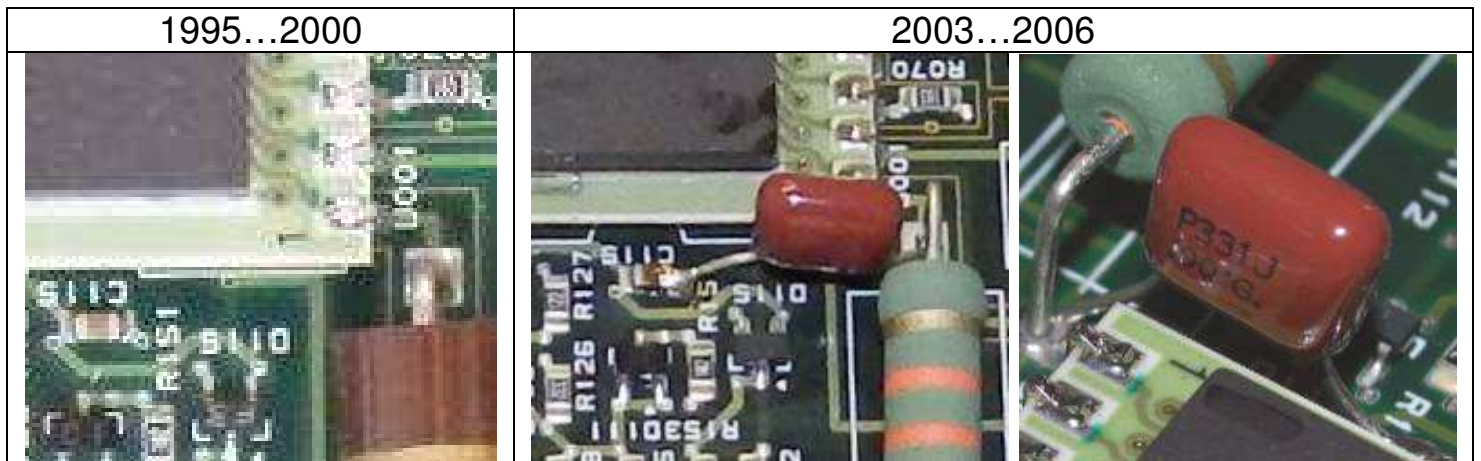
7 DCI Amplifier guarding op amp U010 LTC1150

1995...2003	2006

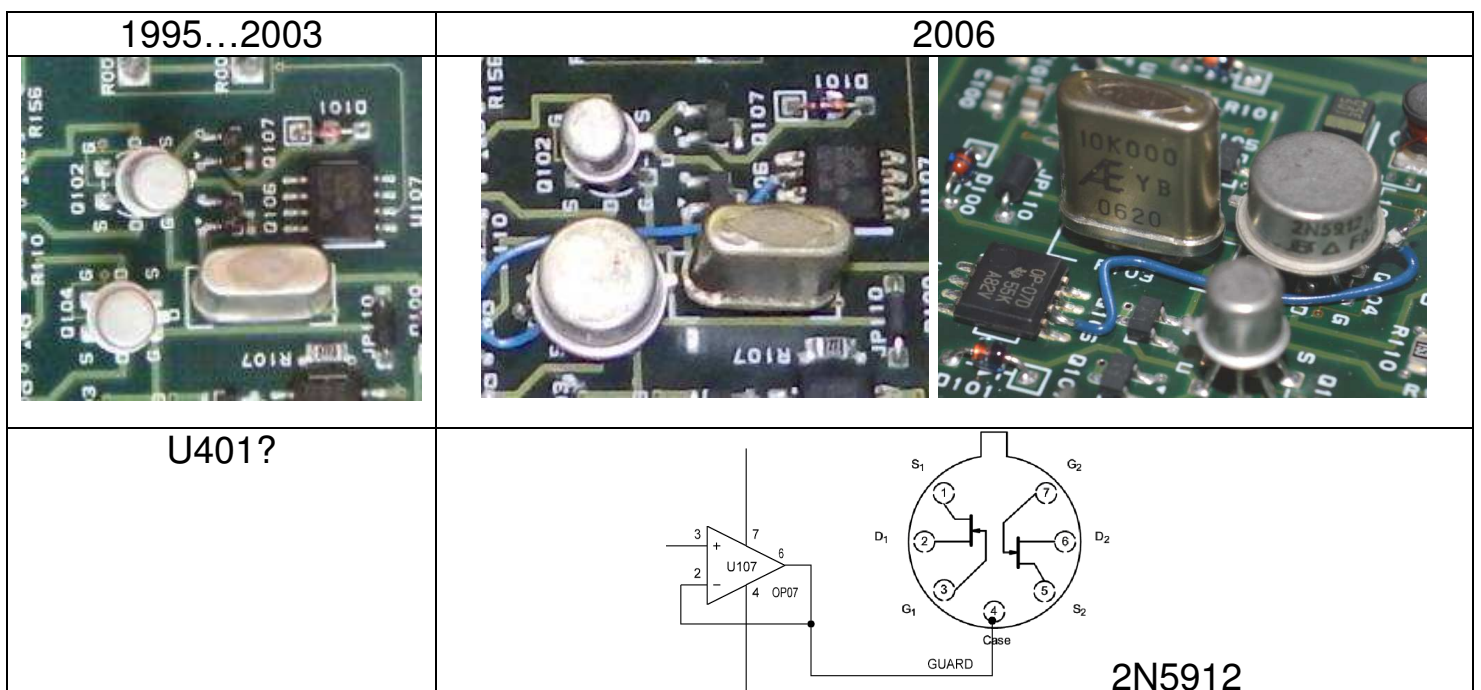
8 ACV relay K010




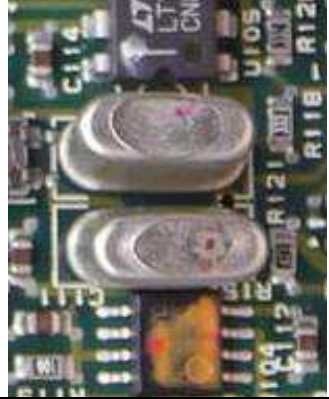
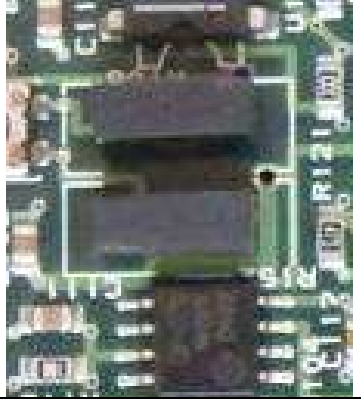
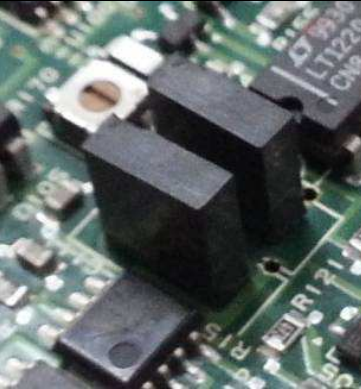
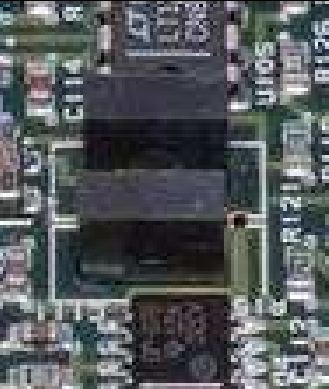
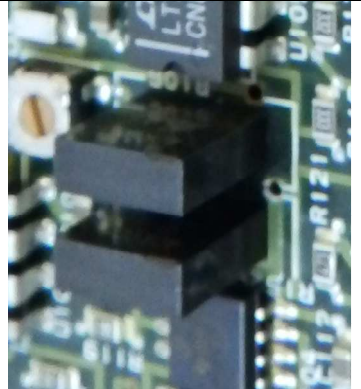

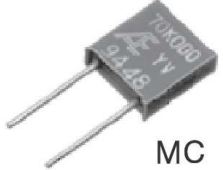
9 Ohms-Hi protection capacitor 330pF



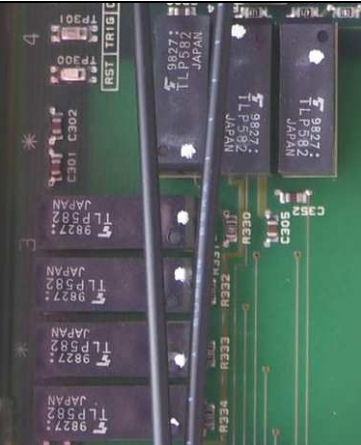
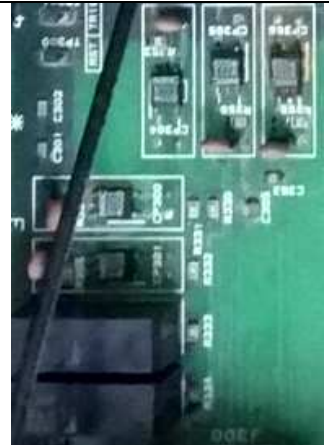
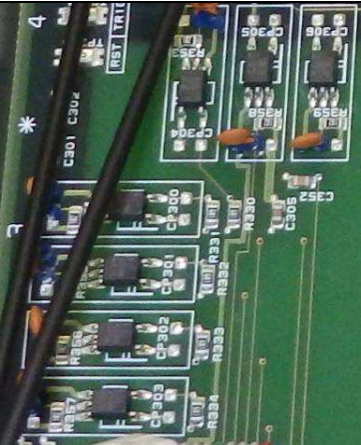
10 Input Amplifier dual FET Q104





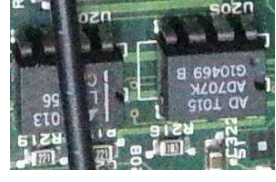


11 Input Amplifier differential stage loads resistors R152, R106 40k000

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12 Optical isolators

<p>1995, 1998</p> 	<p>2000, 2003</p> 	<p>2006</p> 
<p>Photocouplers: TLP582 Isolation 5000 V_{RMS} Delay t_{PLH}/t_{PHL} 250/270 ns typ.</p>	<p>Photocouplers: TLP582 + PS9701 Isolation 2500 V_{RMS} Delay t_{PLH}/t_{PHL} 50/50 ns typ.</p>	<p>Photocouplers: PS9701 Isolation 2500 V_{RMS} Delay t_{PLH}/t_{PHL} 54/51 ns typ.</p>

13 ADC Integrators op amps

1995	1998, 1999	2000	2003	2006
				
LT1056ACH AD707K	LT1056CN8 AD707K	LT1056CN8 AD707K	LT1056CN8 OP177F	LT1056CN8 OP177F

14 Common mode chokes

