

# SOLECON LABORATORIES CELEBRATES OUR 30<sup>TH</sup> ANNIVERSARY!!

Solecon Laboratories is proud to announce that 2005 is the 30<sup>th</sup> anniversary of the founding of our business. Thanks to all of our customers, employees, suppliers and friends for their support over the past years.

## What Was Going On In 1975

### Sports

- The Pittsburgh Steelers beat the Minnesota Vikings, 16-6, to win Super Bowl IX.
- Cincinnati beats Boston 4 games to 3 to win the World Series.
- Golden State beats Washington to win the NBA title.
- Foolish Pleasure wins the Kentucky Derby.
- Muhammad Ali knocked out George Foreman to regain the world heavyweight championship.

### Economics

- Federal Spending... \$332.33 billion
- Federal debt ..... \$541.9 billion
- Consumer Price Index...53.8
- Unemployment ..... 9.2%
- Average House ..... \$51,865
- Average Car ..... \$3,800
- Gallon of milk ..... \$1.40
- Gallon of gas ..... \$0.57
- Loaf of bread ..... \$0.28
- 1<sup>st</sup> Class stamp..... \$0.10 (\$0.13 as of 12/31/75)
- Median Household Income (Current Dollars)..... \$11,800
- Cost of a Spreading Resistance Analysis profile ..... \$40.00

### U.S. Statistics

- President – Gerald R. Ford
- Vice President – Nelson A. Rockefeller
- Population – 215,973,199
- Life expectancy – 72.6 years

### Top Songs

- *One of These Nights* – Eagles
- *Shining Star* – Earth, Wind & Fire
- *Mandy* – Barry Manilow
- *Please Mr. Postman* – The Carpenters
- *Fire* – Ohio Players
- *You're No Good* – Linda Ronstadt
- *All By Myself* – Eric Carmen
- *Best Of My Love* – Eagles

## Top News Stories

- Gerald Ford formally announces his candidacy for the 1976 presidential election.
- Gerald R. Ford escaped an assassination attempt on September 5<sup>th</sup> 1975, in Sacramento, California by Lynette Alice (Squeaky) Fromme, who pointed, but did not fire, a .45-caliber pistol. He also escaped another assassination attempt in San Francisco, California on September 22, 1975 by Sara Jane Moore, who fired one shot from a .38-caliber pistol that was deflected.
- Former President of the Teamsters, Jimmy Hoffa, is reported missing in Detroit – FBI opens investigation.
- Six member unions of the AFL-CIO announce a boycott on loading of grain bound for the U.S.S.R.
- U.S. Viking unmanned spacecraft sets off on a 500-million-mile journey to Mars to seek signs of life.
- U.S. Apollo and Soviet Soyuz 19 spacecrafts link up 140 miles above earth; American astronauts Brig. General Thomas P. Stafford, Donald K. Slayton, and Vance D. Brand shake hands and share meals with Soviet cosmonauts Col. Aleksei Leonov and Valery N. Kubasov; the first international manned space flight.
- Patricia Hearst, missing since Feb 7, 1974, is caught by the F.B.I. in San Francisco; caught with William and Emily Harris, remnants of the Symbionese Liberation Army, who kidnapped Miss Hearst.
- The U.S. marks the start of the American Revolution Bicentennial with ceremonies at the Old North Church in Boston.
- Margaret Thatcher becomes leader of the British Conservative Party, succeeding Edward Heath.

## Semiconductors

- 4 inch wafers were introduced, but most fabs were still running 2 or 3 inch.
- A state-of-the-art chip has less than 10,000 transistors on it.
- Most fabs were using K&S 636 & Kasper aligners.
- A 5-wafer tray system for spinning and developing was popular.
- Silicon Valley, (a fairly new term at the time) had about 63 companies producing semiconductors.
- Projection aligners were gaining popularity but most engineers were still smashing the mask into the wafer.
- LPCVD nitride systems were becoming trendy.
- Barrel reactors for stripping photo resist and etching nitride were fairly popular.
- Selective oxidation was referred to informally as the “Isoplanar Process” no matter what the official position might have been.
- Most Silicon Valley process engineers not working for Fairchild had pirated copies of the so-called “Fairchild Curves”.

## Solecon Labs' First Customer

- Rockwell International in Anaheim California, on April 24, 1975

## Entertainment

- ABC, CBS and NBC agree to create a “family hour”, an early evening time slot that is free of violence and sex.
- *Saturday Night Live* premieres on NBC. George Carlin hosts the first show.
- *One Flew Over the Cuckoo’s Nest* sweeps the top Oscars winning best picture, director, actor and actress.
- Donnie and Marie were given their first prime time TV special in November 1975.

## The TV Shows We Were Watching

- *Mash* ran on CBS from 1972-1983
- *The Mary Tyler Moore Show* ran on CBS from 1970-1977
- *All In The Family* ran on CBS from 1971-1983
- *The Carol Burnett Show* ran on CBS from 1967-1979
- *Happy Days* ran on ABC from 1974-1984
- *Little House On the Prairie* ran on NBS from 1974-1983
- *Columbo* ran on NBC from 1971-1977
- *The Bob Newhart Show* ran on CBS from 1972-1978
- *Gunsmoke* ran on CBS from 1955-1975
- *The Waltons* ran on CBS from 1972-1981

## Science

- Home videotape systems (VCRs) are developed in Japan by Sony (betamax) and Matsushita (VHS).
- The Altair home computer kit allows consumers to build and program their own personal computers, which used an Intel 8080 chip.

## Nobel Prizes

- For Chemistry:  
John W. Cornforth (Eng.) and Vladimir Prelog (Swiss)
- For Economics:  
Leonard V. Kantorovich (U.S.S.R.) and Tyalling C. Koopmans (U.S.)
- For Literature  
Eugenio Motale (Ital.)
- For Medicine or Physiology:  
David Baltimore, Howard M. Temin, and Renato Dulbecco (all U.S.)
- For Physics:  
James Rainwater (U.S.), Ben R. Mottelson (Dan.), and Aage N. Bohr (Dan.)
- For Peace:  
Andrei D. Sakharov (Russ.), father of the Soviet Union’s hydrogen bomb.

All of us at Solecon Labs wish you the best in the New Year. We appreciate the opportunity to have served the semiconductor industry throughout the last 30 years and look forward to working with you in the years to come.

Best Wishes,  
From the staff of Solecon  
Labs.

Handwritten signatures: Dave, Holly, Roger, Amy, Sharon, Vincent, Leo, and Augy.



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