GOT INTERFACE®
GALVIN ONE-TOUCH USER INTERFACE RESOURCE

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A Galvin Holdings Global Company | www.gotinterface.com

HMI SYSTEMS

▶ Based on an Understanding of Applications and Interface Technology

GOT Interface develops complete HMI (Human to Machine Interface) systems for applications ranging from medical and industrial to appliance and recreation. Our application engineers work closely with our customers to develop specifications, HMI panel layout and integration, mechanical design, and cabling. The result is a complete customer solution that takes into consideration the market, application, customer requirements, manufacturability requirements, and product quality.
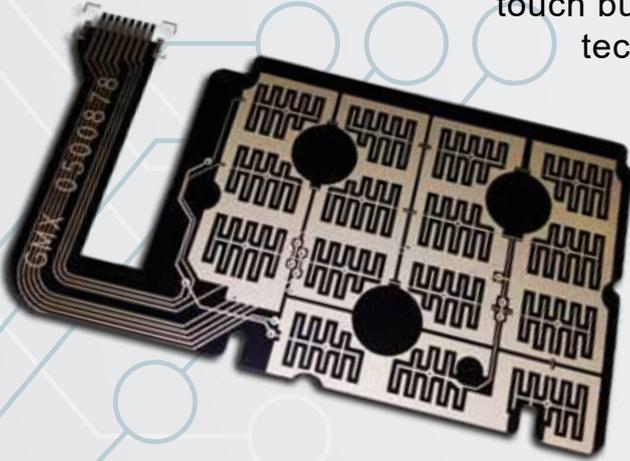
CAPACITIVE PROXIMITY SWITCHES

▶ Touch Sensing Technology for Electronic User Interfaces

Our broad range of fixed functional switching devices will support capacitive touch buttons, sliders and wheels in your applications. This technology can be combined with several backlighting options as well as conventional membrane switch technology. Accommodates substrate thickness up to 50mm, even with a gloved hand. Excellent signal-to-noise ratios deliver unequaled precision in touch applications. Water and temperature resistant.

MEMBRANE SWITCHES

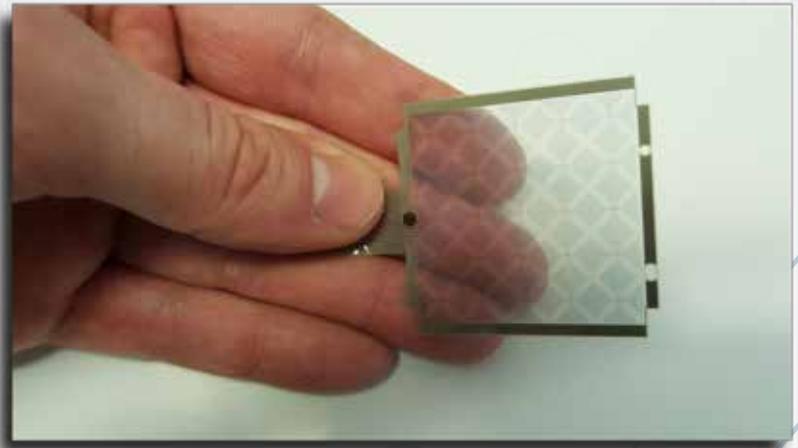### ▶ Cost Effective Switching with Exciting Graphics

We manufacture custom membrane switches for a variety of applications and industries. With our wide range of capabilities, your options are nearly limitless. In addition to producing your membrane switch, we offer full subassembly services.

CLEAR CONDUCTIVE INKS

▶ **Cutting Edge Processes & Formulations Creating Clear Conductive Switch Areas & Touch Screens**

Clear conductive ink chemistries have progressed to the point where they perform as well, if not better, than ITO. This allows for cost effective capacitive touch screen sensors that can be easily customized to existing display geometries.

FLEXIBLE PRINTED CIRCUITS (FPC)

▶ **Etched & Screened Capabilities**

Specializing in etched copper and polyester circuits, screen-printed silver circuits and value-added component assemblies GOT offers BGA and QFN mounting capabilities. Other capabilities are minimum line space/width of 0.05mm, minimum 0.10mm PTH via dia. with tin, gold and nickel plating.

IN MOLD DECORATING

▶ **IMD Offers The Potential For Extravagant Graphics In Virtually Any Shape or Contour**

The In-mold-decorating process begins with a pre-printed label or decorated film which is inserted into a mold and held in place. The plastic injection mold is then closed and the resin is injected in, encapsulating the label permanently within the finished injection molded part. This process allows very dramatic shapes and designs to be used in your product.
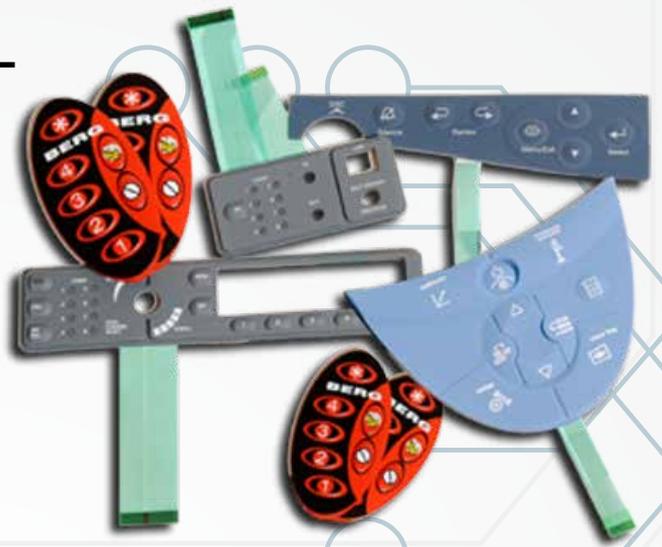
SILICON RUBBER KEYPADS

▶ **Rubber Keypads Offer Design Versatility in Shape, Size and Feel**

Our custom manufactured Silicon Rubber Keypads can serve a large number of applications and uses. Working with our engineers, we ensure that the design is suited for your final project.

RUGGEDIZED KEYBOARD ASSEMBLIES

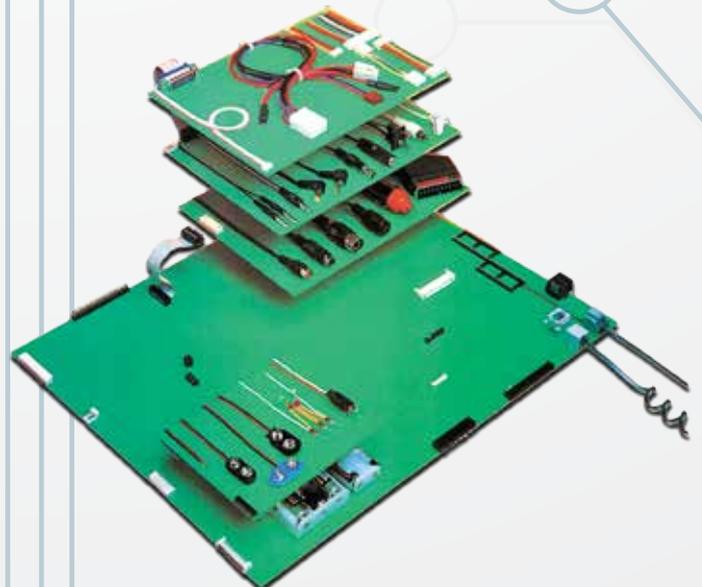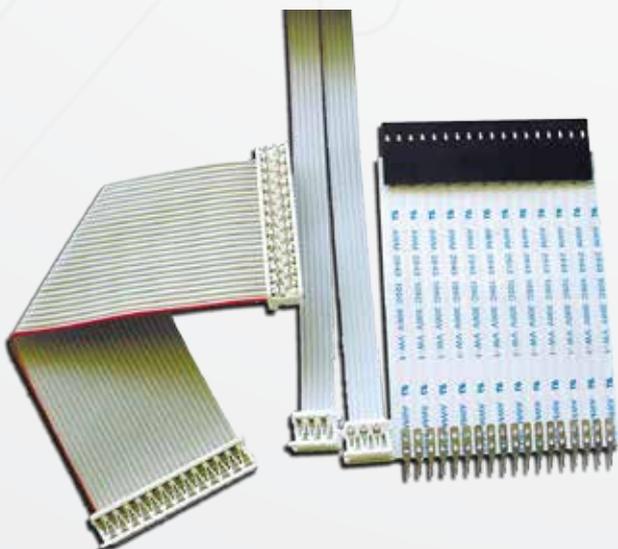▶ **Keyboards That Will Stand Up to the Most Rigorous & Abusive Applications**

We offer innovative solutions with application-specific designs built in a high quality and robust housing made of stainless steel or plastic with perfect protection against dirt, moisture and vandalism.

CABLE HARNESS ASSEMBLIES

▶ **From Elaborate Harness Assemblies to Molded Cables GOT has the Capability to Answer Your Needs**

If you have ever driven a luxury car, used a telephone, or turned on an air-conditioner, then there is a good chance that you have "touched" products we have produced. We make all products with the same stringent processes and quality as we do for automotive projects.
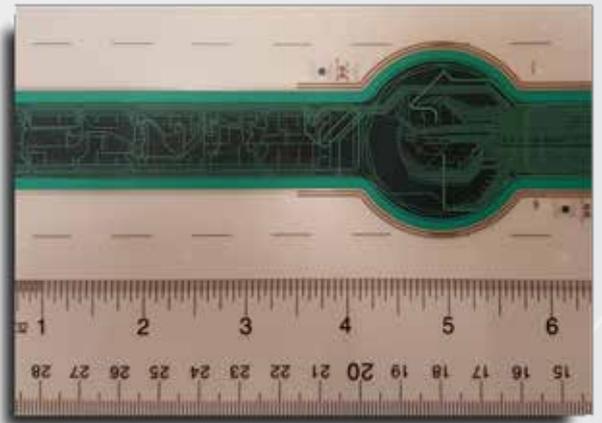
FINE PITCH PRINTING

▶ **Materials & Processes That Can Eliminate the Need for Expensive Etched Circuits**

No one can offer a finer pitch printing capability than that offered by GOT Interface where we can hold to 2 thousandths spacing and thickness. This ability allows GOT to offer cost effective answers to etched circuits.

INJECTION MOLDED PLASTICS

▶ **Parts and Enclosures for Finished Products**

For over a decade, GOT Interface has been an industry leader in the molding industry and has achieved the highest standards in value and excellence. We provide our customers with a wide range of quality plastic parts for printers, copiers, fax machines, auto parts & ornaments, home appliances, games consoles and industrial components. Our expertise is diverse and involves mold design & manufacturing, injection molding, silicon molding, secondary processing, PVD, screen printing, pad printing, hot stamping, laser carving and the assembly and packaging of complete products.

LOW POWER/LOW HEAT LED ARRAYS

▶ **Standard & Customized LED Arrays for Any Type of Backlighting From Signage to Enclosure/Area Lighting**

The arrays utilize compact circuitry created with highly conductive silver ink on flexible polyester for lower heat transfer. The array can be contoured to many different shapes and surfaces and come with Red, Green, Blue or White LED's.

THE GOT INTERFACE TECHNOLOGY & MANUFACTURING CONSORTIUM

Design Engineering, Logistics & Customer Support

Our US based design engineering, logistics and customer support teams, in collaboration with our Taiwan and China based supply chain management team, direct the day to day and project to project operations of our consortium.

Taiwan Manufacturing

FPC
- Screen-printed silver circuits
    - 0.05 min. trace space/width
- Etched copper and polyester circuits
    - 0.05 min. trace space/width
    - SMT, 0201 package, BGA, QFN
- Value added component assemblies
- Membrane switches and rubber keypads

China Manufacturing

Injection Molding/Plastics, IMD, Membrane Switches & Rubber Keypads

GALVIN HOLDINGS, INC
USA
HONG KONG

GOT·INTERFACE®

ISO13485 2003   ISO/TS 16949:2009   TÜV CERT ISO 9001   UL REGISTERED FIRM   SGIA