

The profile of Hsinchu high-tech companies

1. ANDES Technology

Description	Andes develops 32/64 bit processors and SoC platform for embedded system.
Core Technology	AndesCores range from highly performance-efficient small-footprint cores for microcontrollers and deeply-embedded applications to 1GHz+ cores running Linux, covering general-purpose N-series cores for a wide range of computing need, DSP-capable D-series cores for digital signal control, instruction-extensible E-series cores for application-specific acceleration, and secure S-series cores for best protection of the most valuable.
Looking for Partners	Those are interesting in ADAS VEDR, telehealth, smart home, wireless charging, AI application, video recognition, drone. Andes can provide IC and solution technology for them.
Website	https://www.andestech.com/index.php
Remark	<p>Processor Architecture AndeStar™</p> <pre> mmv.adm \$r1, [\$sp], \$r5, 0x0 mmv.adm \$sp, [\$sp], \$sp, 0x2 addi \$sp, \$sp, -8 sethi \$r1, 0x50a lwi \$r1, [\$r1+#0x9B] movs5 \$r2, \$r0 movs5 \$r0, \$r1 lwi \$r1, [\$r1+#0x8] addi \$r3, \$sp, 12 </pre> <p>Processor Cores AndeCore™</p> <p>Development Tools AndeSight™</p> <p>Development Platforms AndeShape™</p> <p>Software Stacks AndeSoft™</p> <p>Andes Embedded™</p>
Wish list	NXP/Bosch/Schneider

2. DAVICOM Semiconductor

Description	DAVICOM produces communication and network IC, as well as the chipset in LAN, WAN, PC and internet.
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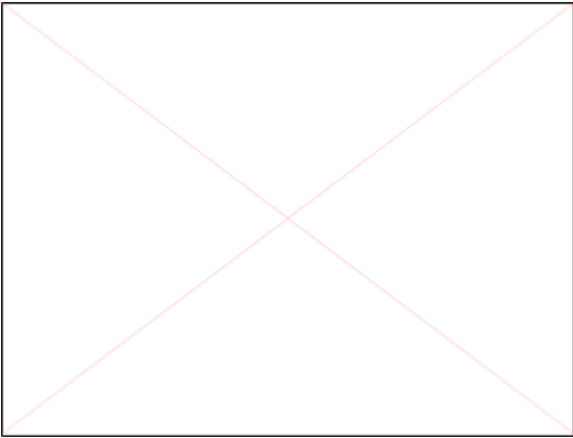
Core Technology	DAVICOM has already developed over 20 digital & analog products and applied for Several IPs, and has successfully become one of the leading IC design houses in Taiwan.
Looking for Partners business opportunity	Those are interested in smart tag, intelligent POS system in super market. DAVICOM can provide total solution for them.
Website	http://www.davicom.com.tw/index.php?lang_id=en
Remark	        
End Application	Electronic Shelf Label System
Wish list	Super/Hyper-Market -Netherlands/Albert Heijin, Jumbo, Plus -France/Intermarche, Auchan, Carrefour -UK/Aldi, Asda, Co-op Health/Beauty Chain Store -Netherlands/Kruidvat, Ahold, D.I.O. Drogist -France/Yves Rocher, Sephora, Beauty Success -UK/Boots, TESCO, Superdrug

3. Etron Technology

Description	Etron offers cutting-edge Known-Good-Die-Memory (KGDM) and Consumer Electronic DRAM (CEDRAM)
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Core Technology	Etron's premium quality integrated circuits are widely used in various emerging applications, such as storage device, display, handset, PDA, and multimedia device.
Looking for Partners	Those are interested in 3D panoramic image system applied for auto drive, face recognition and drone, as well as the integration between USB3.0 and USB Type-C.
Website	https://www.etrone.com.tw
Remark	*AR/VR 360° Video Conference, AR 360° Find the Road, 3D Depth-Map for Computer's Visual Sub-System. https://www.youtube.com/watch?time_continue=5&v=l2bWql4m8pU *Used in Amazon Go store

4. J-MEX

Description	J-MEX focuses on developing patent sensing algorithms and related motion sensing technology.
Core Technology	J-MEX has key technology in velocity sensing, dimensional and gesture sensing, motion sensing, and Angle sensing.
Looking for Partners	Those are interesting in sensing gloves, sensing ring, sensing clothes and shoes. Otherwise, J-MEX creates application in fitness tracking and body movement.
Website	https://jmex.com.tw
Remark	 <p>Auto Sensing Rear Light</p>





3 Axis/6 Axis /multi-axis solution

Applicaiton

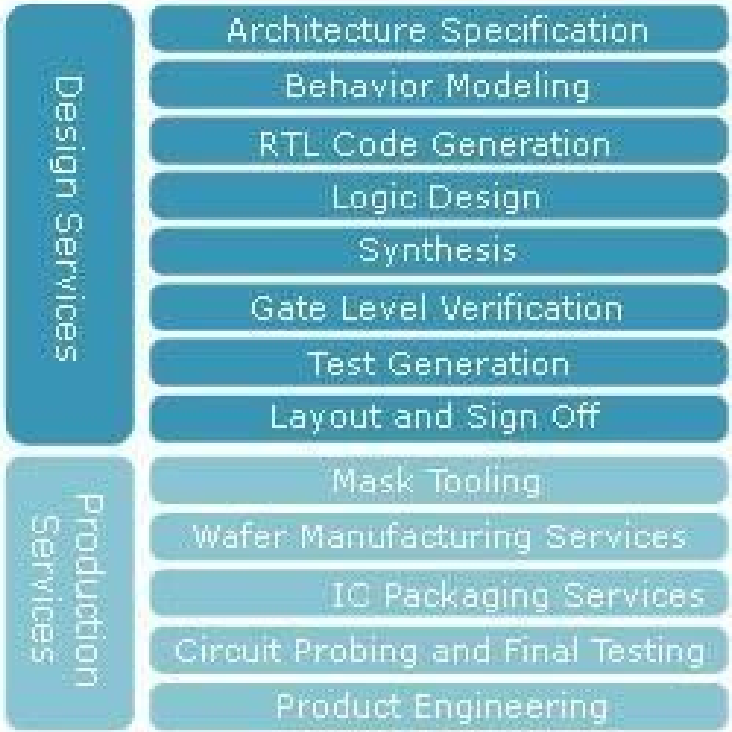
Healthcare
E-bike
Smart clothing for trainging

5. Anpec Electronics

Description	ANPEC is dedicated in power IC, mixed signal IC, and power discrete devices design.
Core Technology	ANPEC's core technology are high performance analog & mix-signal ICs' for high volume computing, communication, & consumer markets. The main product categories include the power management IC, audio amplifier IC, LCD controller/driver IC, hall effect IC, and power MOSFET, and are extending into communication IC and micro-controller application.
Looking for Partners	Those are interesting in the application of industry 4.0, machine tool and optical isolator IC for electric vehicle.
Website	http://www.anpec.com.tw/index.aspx?lang=en
Remark	 


6. Faraday Technology

Description	Faraday Technology Corporation is a leading fabless ASIC / SoC and silicon IP (intellectual property) provider, ranking in top 50 fabless IC suppliers in the world and top 10 in Taiwan.
Core Technology	Faraday is one of the few leading ASIC / SoC vendors with a comprehensive self-developed IP portfolio. Faraday's flexible and robust service and solution platform can be customized to fit customers' unique business needs.

Looking for Partners	Those are interesting in the application of autopilot, 360 panorama , and large display system. Faraday can provide total solution for customers.
Website	http://www.faraday-tech.com/index.jsp
Remark	 <p>The diagram illustrates Faraday Tech's service offerings, categorized into Design Services and Production Services. Design Services include: Architecture Specification, Behavior Modeling, RTL Code Generation, Logic Design, Synthesis, Gate Level Verification, Test Generation, and Layout and Sign Off. Production Services include: Mask Tooling, Wafer Manufacturing Services, IC Packaging Services, Circuit Probing and Final Testing, and Product Engineering.</p>
Wish list	Automotives Electronics Faurecia Valeo Autoliv IAC Group Leopold Kostal GmbH Component distributor Avnet Silica EBV Rutronik Future Mouser EDA Tool distributor Artedas Parallel

7. ProMOS Technology

Description	ProMOS has experience in high level Information System Integration, and is capable of Design / Management / Service total solutions. Their solutions include customized Memory Products, high quality Industry 4.0, IoT, and System Integration Services.
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Core Technology	ProMOS has a fab plant-level high-end ICT integration technology and experience with sophisticated design, manufacturing, management and solutions capabilities.
Looking for Partners	Those are interesting in customized wireless module, Bluetooth module, GPS module, Sub-GHz module, BLE+wifi module and application of sport center. They can collaborate with partners in Memory products design, manufacturing, field application, assembly engineering and quality assurance.
Website	http://www.promos.com.tw/promossite/site/index.php
Remark	 <p>The diagram illustrates the scope of Application Development. At the top, 'Application Development' is written in a white box on an orange background. Below it, three branches lead to: <ul style="list-style-type: none"> Memory product: design, testing and application, accompanied by a chip icon. 4.0 Industrial: Factory Automation and Industrial 4.0 Application Development, accompanied by a factory icon. Application of Internet of Things: applications to integrate sensing, networking, cloud, and other IoT of Things, accompanied by a network icon. </p>
Application	Smart factory Healthcare IoT(trackable suitcase)

8. Eminent Electronic Technology

Description	Eminent's technologies are based on its superior photonic detector and mix-signal IC designs capabilities. Founded in 2010, The applications of Eminent sensors include smart phones, tablet PC, notebook PC, TV, smart homes. Eminent provides essential sensor technologies in the era of Internet of Things (IOT).
Core Technology	Eminent is shipping mass production volume of Ambient Light Sensors (ALS). Proximity Sensors (PS), Color Sensors (RGB Sensors), UV Sensors, Heart rate monitor (HRM) Sensor, Gesture Sensors and 3D Image Detector.
Looking for Partners	<ul style="list-style-type: none"> A. 3D Image Detector for face recognition B. Gesture Sensors combine AR/VR function. C. Color Sensors – for Color temperature (24 kind of colors) <p>They are looking for these three kinds of applications SI or solution provider to cooperate.</p>
Website	http://www.eminent-tek.com/index.aspx?shop=eminent&t=main

Remark	 <p>The diagram illustrates four sensor technologies and their applications:</p> <ul style="list-style-type: none">Ambient Light Sensor: Shown with a smartphone in a bright room (daytime) and a dark room (nighttime).Proximity Sensor: Shown with a smartphone held near a person's face.Gesture Sensing: Shown with a hand interacting with a tablet.User Presence Detector: Shown with a monitor displaying a person's face, with a distance of >1 Meter indicated between the monitor and a person walking away.
Application	Training Entertainment IoT