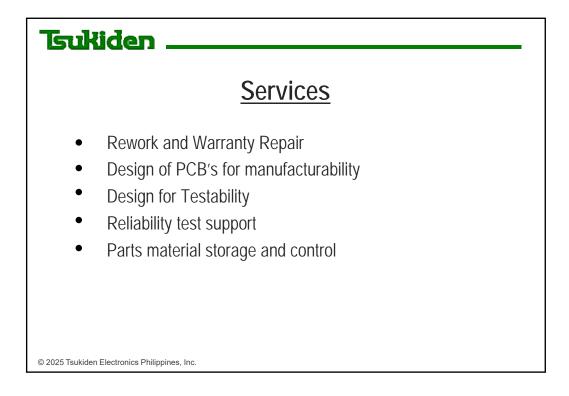
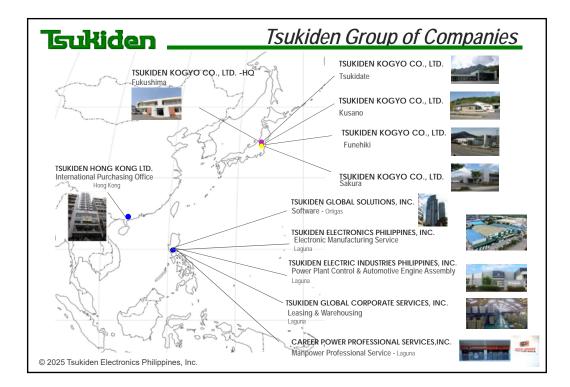


Tsukiden				
<u>Capabilities</u>				
<ul> <li>PCBA Assembly <ul> <li>SMT &amp; Through Hole</li> </ul> </li> <li>Chips on Flex Assembly</li> <li>Sub Assembly &amp; Complete Box Build Assembly</li> <li>Prototype Assembly</li> <li>In-circuit/Functional Testing</li> <li>Burn-in Testing</li> </ul>	<ul> <li>Automated Optical Inspection (AOI)</li> <li>X-ray Inspection</li> <li>Baking</li> <li>BGA Rework</li> <li>Conformal Coating/Potting</li> <li>Incoming Inspection</li> <li>Consignment &amp; Turnkey</li> </ul>			
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SU	E C	Operations History		
4007		Tsukiden Kogyo Philippines, Inc. start its operation in t he Philippines		
1987	JUN	Main activity is HDD/FDD PCB/FPC assembly sub-contracting		
1000	JUL	Tsukiden Electronics Industries, Inc. (TEII) was established in Quezon City, Phils.		
1988	JUL	Main business activity is assembly of computer peripherals particularly FDD		
1989	NOV	TEII started production of 3.5 Hard Disk Drive (HDD)		
1993	AUG	Laguna Electronics, Inc. (LEI) was established in Laguna Technopark, Biñan, Laguna		
1994	MAY	LEI started production of Analog Mobile Phone		
1995	SEP	LEI constructed Plant 2 for the assembly of 3.5 Hard Disk Drive (HDD)		
1996	NOV	LEI started its own SMT Assembly Line and started producing FDD-PCBA		
1997	JUL	ISO 9002 Certification for the Plant 2 by SGS Yarsley Int'l. Certification Services Ltd.		
1997	SEP	ISO 9002 Certification for the Plant 1 by TUV Produt Service		
1997	SEP	LEI-Plant 2 was renovated to assemble high capacity of IBM-NEC 3.5 Hard Disk Drive		
1997	DEC	LEI-Plant 2 started production of IBM-NEC 3.5 Hard Disk Drive		
1998	MAR	ISO 14001 Certification by SGS Int'l Certification Services		
1998	MAR	LEI-Plant 1 started production of Zip drive		
2003	MAY	ISO 9001 : 2000 certification by AJA Registrars, Inc.		
2003	DEC	OHSAS 18001 : 1999 Certification by AJA Registrars, Inc.		
2004	OCT	ISO/TS 16949 : 2002 Certification by SGS Philippines		
2006	APR	LEI started its operation of Chip-on-Flex (COF)		
2010	SEP	Company Name change to Tsukiden Electronics Philippines, Inc.		
2011	SEP	ISO 13485:2003 Certification by SGS Philippines		
2014	MAR	Started operation for extension facility LTC-SEZ (Bldg. 1) for the Assy of Multi Media Projecto		
2017	OCT	IATF 16949 : 2016 Certification (First company in PH certified by SGS)		

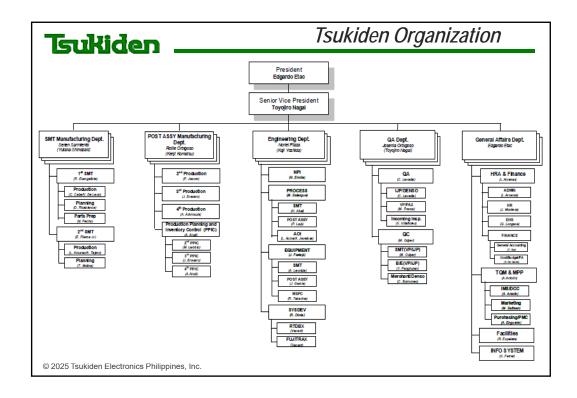
Tsukiden \_\_\_\_

Tsukiden Electronics Philippines, Inc. is a wholly owned subsidiary of Tsukiden Hong Kong Ltd.

Company Outline

- > Date of Incorporation March, 1992
- > Paid-up Capital Php 407,000,000.00 (US\$7M)
- > Plant/Start of Commercial operation/Area:
  - P1 : August, 1993
  - P2: September, 1995
    - \* All sites are 100% backed-up by emergency power generator \*
- > Number of Employees: 1,044 MP
- > Production Lines : 4 Solder wave lines / 28 SMT lines with 400M shot count capability
- > Chairman : Mr. Kazuma Hanzawa
- > President : Mr. Edgardo Etac

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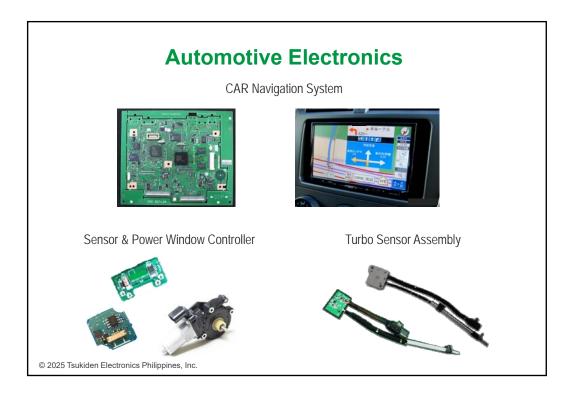
## Tsukiden .

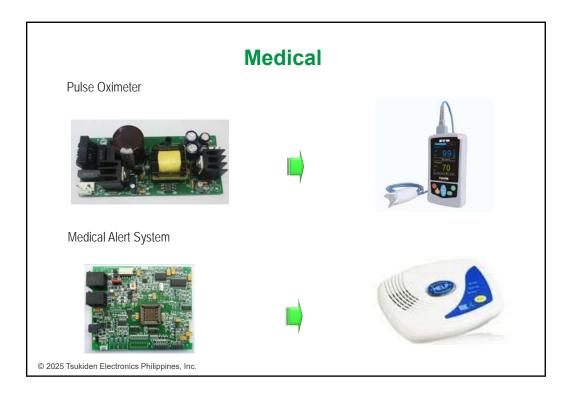
**Ams Asia Philippines** Applied Electronics Corporation (Japan) **ARKUS** Electronics Philippines Inc. **BOSCH** (Netherlands) **CEBU MITSUMI**, Inc. (Philippines) **DELTADRIVE** Phils. Inc. (Philippines) **DENSO TEN Philippines** DX Antenna Philippines, Inc. EDA Philippines Industries Inc. **ELEMATEC** Philippines, Inc. Epson Precision Philippines, Inc. **GINTUGA** Philippines, Inc. GLORY Ltd. (Philippines.) Sekonic Corporation (Japan) **ISENSORS**, Inc. (Philippines) Japan Display Inc. (Japan) JCM Gold (Japan) JS CREATIVES PHILIPPINES INC.

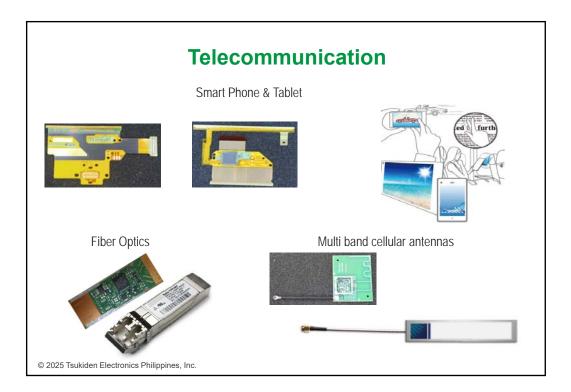
List of Customers

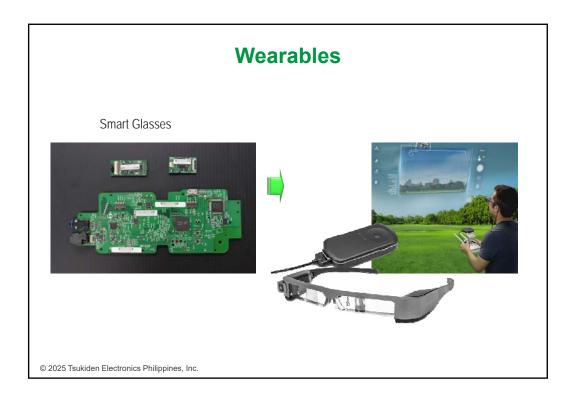
KAERTECH Limited (Hong Kong) LITTELFUSE Phils, Inc. (Philippines) MIDORIYA Electric (Philippines) Corporation MITSUBISHI HITACHI Power Systems, Ltd. (Japan) Northstar Technologies Industrial Corp (Philippines) Nikkoshi Phils. Corp. (Philippines) Nihon Denkei (Philippines) **NOVALUX Electronics (Hongkong)** SANKO Semiconductor Co., Ltd. (Japan) SANYO DENKI Philippines, Inc. SECURE ELECTRONICS Pty Ltd. (Australia) SUMITRONICS Philippines, Inc. **SOLPHILS** (Philippines) SUNBIRD Engineering Ltd. (Hong Kong) SUNPOWER Philippines Manufacturing Limited **TOA** Electronics Group (Japan) Tsukasa Electronics Philippines, Inc.

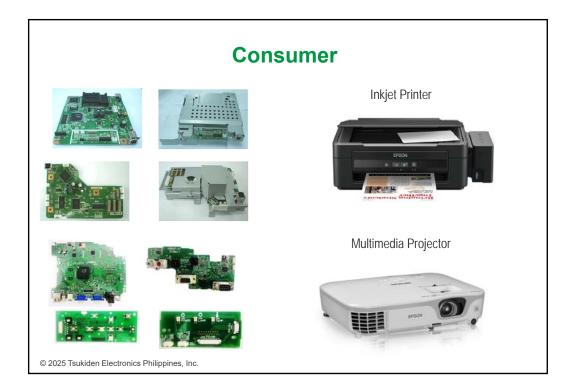
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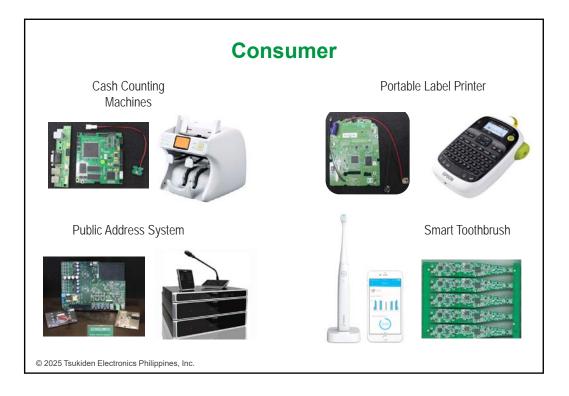












Tsukiden	Manpower Headcount
MANPOWER	
President/Japanese/Manager/Sec	tion Head 21
• Engineer	52
Supervisor / Junior S.V. / Special	ist 97
Assistant	6
Technician	51
QA Inspector	42
Operator (Regular)	146
Contractual	629
Total	1044
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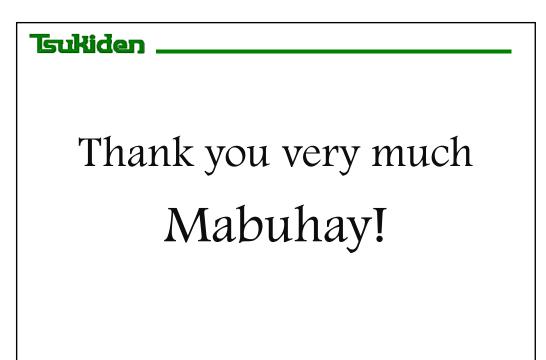
Tsukiden	En	nployee De	mographics
	SEX/CIVIL S	<u>TATUS</u>	
	MANPOWER	MARRIED	SINGLE
MALE	16%	27%	73%
FEMALE	84%	14%	86%
EDUC	ATIONAL PROFILE (	OF OPERATORS	
College Graduate		25%	
College Level		9%	
• 2-yr Vocational Course Graduate		11%	
1-yr Vocational Course Graduate		5 %	
High school Graduate		50%	



Tsukiden _	Management System Certification (Quality Management)	
	Truck neurofe de Tsuckiden Electronics Philippines Inc. Tsuckiden Manaratagen Industry, 101 Sector Source Annual Associations (101)	
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	ISO 9001 (Ver 2015)	
	Sept 2025	
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Tsukiden	Management System Certification		
	CERTIFICATE Curves Cur		
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	Reng are 2014 201 2017 20 2019 2010 2010 2010 2010 2010 2010 2		
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