





What we provide to customers

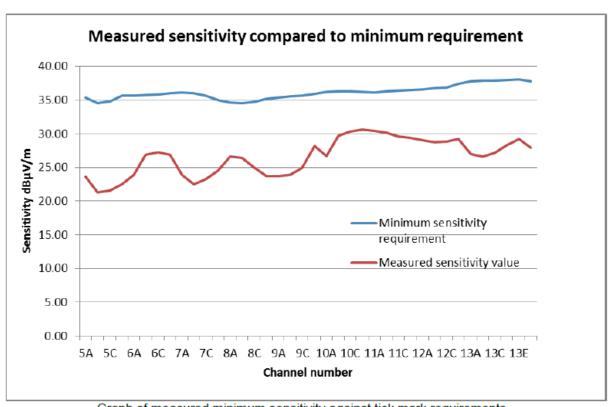
- ♥Performance proven IC/modules
- The advantage you will have with our IC/modules
 - ♥ High Sensitivity
 - ♥ Short development time
 - ♥ Efficiency of production
 - ♥ Reliability after sales
 - ♥ Good Service through out the product life



High Sensitivity



Tick Mark approved with High Marging



Graph of measured minimum sensitivity against tick mark requirements

Model:T4B

Tick Mark Report by DTG, report **DAB-8314**



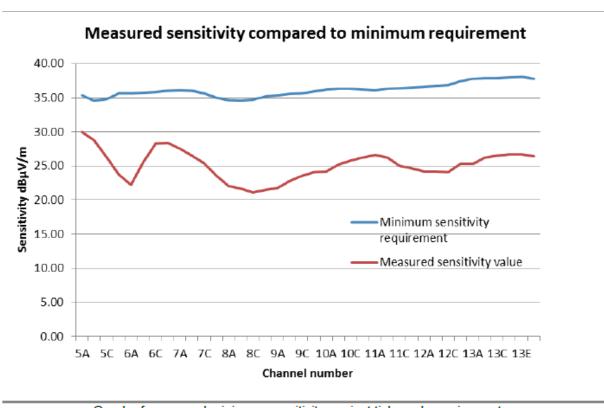




High Sensitivity



Tick Mark approved with High Marging



Model:T4E

Tick Mark Report by DTG, report DAB-8315





Graph of measured minimum sensitivity against tick mark requirements



Short development time

- We accumulated ample experience help customers developing products, in the following pages are listed a few for reference, so
 - ♥A lot of templates for you to choose
 - Variety of problems in different area have been solved thus avoided in your product
 - ♥ Time to market



Efficiency of production

♣ Cost effective test equipment

♥ KeyStone supply the most cost effective signal generator, SABRE®

Code change

♥KS module support CUVBROS® which allows program code be upgraded by broadcasting

♣ Automatic Test

♥KS module can be controlled by DATES® to conduct automatic test



Reliability after sales

*Reliability comes from discipline

- ♥ All modules went through a well-defined rigorous testing procedure
- ♥ All test results are well-documented in a database
- ▼ Each module has a unique S/N with which all its testing record can be retrieved to know its healthiness



Many Customers Prove it



Pioneer PHILIPS SANGEAN SHARP TVC











TELESTAR°





































Good Service

₽Before Design

- ♥Guide line is provided to help engineers handle tricky RF issue
- ▼Training is provided for design and test to ensure good quality

† During Design

♥We provide Consultant and Review to schematics and layout



Good Service

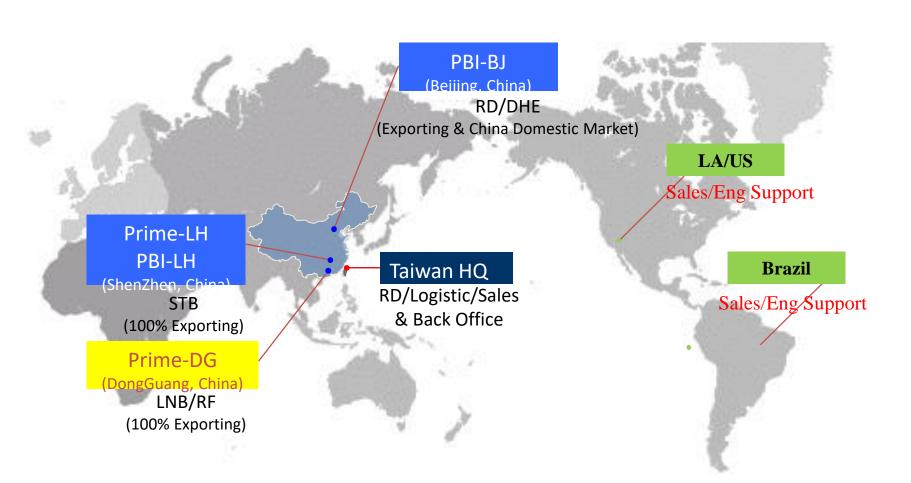
- SABRE helps designer to do thorough test
- ♣ DATES make the test procedure completely automatic
- We have a well-equipped lab to give customer product a final test to make sure it is qualified for shipping



Some facts about us

- ♣ Company : Fabless IC/module design house,
- ♣ Established time: March, 2009
- ♥Subsidiary of Prime Total
- Registered capital: 6.6 M in USD
- Headquarter: Science-Based Industrial Park, Hsinchu, Taiwan
- Branch office: ShenZhen, China
- ₱Employee : 35 people

KeyStop Affiliates Locations





Roadmap

0.11 um process



Automotive Solution

Cherub:

- DIY automotive solution
- Diversity Enhanced Performance
- Good Service Following

0.13 um process



T3:FM/DAB/DAB+/DMB-R

- Meet UK's new automotive ACS requirements,
- Super low-power at 120 mW,
- Better FM RDS/TMC reception.



T1/T2:FM/DAB/DAB+/DMB-R

- Offer SLS/EPG/DLS+/TPEG features
- True single-chip in 1.1 cm x 0.8 cm,
- Lowest power and smallest form factor,
- · Commercial and industry-grade modules,
- Embedded in mobiles, TVs, STBs, etc.
- Lowest power at 180 mW.

0.18 um process



FM/DAB

- · 4-chip modules
- Smallest module size and lowest power in 2009



Roadmap



Oceanus

Feature:

- DAB+/DAB/FM/RDS
- •Enhanced Multi-channel Data Service
- Cost Effective Color Display



T4

Feature:

- DAB+/DAB/FM/RDS
- •Enhanced Multi-channel Data Service
- Support Cost Effective Color Display

Mayim

Feature:

- •Monolithic DAB+/DAB/FM/RDS
- •Enhanced Multi-channel Data Service
- •Cost Effective single chip solution Specially designed for Car solution, Mobile phone, Tablet or PC

2016 2017 2018



Kitchen Radio



Philips AE5020



Sangean DPR-16C



Geneva Lab model M



Philips BTB 2465



Geneva Lab mode S





Geneva Lab World Radio DAB+



Mini/Micro (con't)



Pioneer CM31



Pioneer HM11



Pioneer HM21



Pioneer X-HM31DAB-K



Pioneer X-HM51DAB-K



Pioneer SMC00



Mini/Micro (con't)



SonoroCD



SonoroHiFi Audio





SonoroHiFi Audio

Sonoro



Mini/Micro (con't)



JVC UX-D750









JVC UX-D100



JVC UX-D150



NEON 1536D



Internet Radio with DAB(Con')



SOUTH MOST AND DABMAN (2000

Telestar DABMAN i200

Telestar DABMAN i200 CD

https://www.telestar.de/de DE/DABMAN-i200/352-9266-10619/

https://www.telestar.de/de_DE/DABMAN-i200-CD/352-9266-11234/



Kitchen Radio (con't)



International Receiver Company (IRC) in Denmark



Dual in Switzerland



Digital Broadcasting Company (DBC) in HK



Wintal in Australia



Telefunken in Germany



TTMicro in Norway



Ennovia in Denmark



Kitchen Radio (con't)



Tevion (ALDI) in Germany







Soundmaster in Germany



Soundmaster MCB800D



GPO Retro



Thomson Australia



Kitchen Radio (con't)



AEG



Dared in Europe





ViewQuest in UK



Albrecht DR881 in Germany



End customer: DBC in HK



TTMicro in Norway, IRC in Denmark, AGK in Denmark



DAB Iphone docking (con't)



Nakamichi in Australia

DAB HiFi Tuner



Dared in Europe

Iphone DAB Dongle



Lingo in UK

Iphone Battery Pack + DAB



Lingo in UK

CD Micro



Brand: United and Sailor in Switzerland



Car Adaptor (con't)



Brand: HiTV in Australia



Connects2 in UK



Zenec in Switzerland



Connects2 in UK



Auvisio (Pearl) DAB+ adaptor in Germany



In Car Stereo

♣ Connects2 in UK





Photo Album

₱ Manufacturer: Usmart

♦ MP: Aug, 2011





Set-top box

†Eight in HK





LED TV

†Telefunken

25M Talk & Sport **GORILLA DANCE** ZOO SMOOTH HITS

Radar New Music Main Stage Barry Cornedy

2UE News Talk 5kySportsRadio1

U20

Digital Radio

TELEFUNKEN

RADAS

Digital Radio

Next: Hot Tottle by Usher

DABIFM





Handheld Radio (con't)



Usmart in HK



Thomson in Australia



BT-Link in HK



Dual in Germany





Handheld Radio (con't)



Technisat in Germany



Pearl in Germany



Thomson Australia



Stilus (Sailor) in Germany



Lingo in UK / HK / Czech Republic



DBC HK



Mobile Phone

₱ Manufacturer: ARS

→ Brand: Macostar in HK

♣MP: Aug, 2011





Bluetooth DAB headset

†Lingo









Your reliable partner in DAB solutions
Ask more with contact@keystonesemi.com semiconductor See more at www.keystonesemi.com

In God we trust



謝謝!

