Brookman Technology, Inc.

www.brookmantech.com

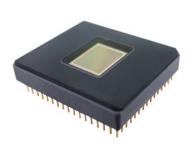
PhoneAddress

: 125 Daikumachi, Naka-ku, Hamamatsu, 430-0936, Japan

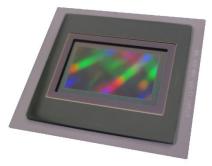
What we do

Standard Products ~ BT Sensors

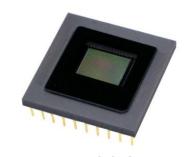
We provide unique CMOS image sensors for specific applications.



BT130A
High Speed CIS



BT3300N 8K Super Hi-Vision CIS



BT130C
Ultra High Sensitivity CIS

Custom CIS Design & Development

We provide CUSTOM CMOS image sensor design services based on our client's specifications. Our engineering team can supply innovative and stable solutions with expertise as a design partner. Our customers have included the best-known names in IDMs (Integrated Device Manufacturers), automotive and medical device makers, as well as public institutions.





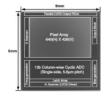




















Intellectual Property (Inc. Patent Royalty)

We also provides custom IP design: e.g. Built-in A/D Convertor, Analog Amplifier and Key blocks in CMOS /non-CMOS Image Sensor, including Pixel.

Consulting

Feasibility Study and Design Support for CMOS Image Sensor.



<Contact>

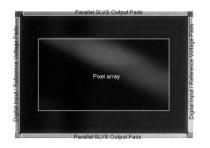
Masaaki Sasaki (Sales Manager)
Phone: +81-534827741

E-mail: bt_request@brookmantech.com

ISSCC2016: 3D-Stacked High-speed 8K Super Hi-Vision Image Sensor

A 1.1µm 33Mpixel 240fps 3D-Stacked CMOS Image Sensor with 3-Stage Cyclic-Based Analog-to-Digital Converters

Toshiki Arai, Toshio Yasue, Kazuya Kitamura, Hiroshi Shimamoto,
Tomohiko Kosugi, Sungwook Jun, Satoshi Aoyama,
Ming-Chieh Hsu, Yuichiro Yamashita, Hirofumi Sumi, Shoji Kawahito
NHK Science & Technology Research Laboratories, Shizuoka University,
TSMC, and Brookman Technology, Inc.



ISSCC2014: Time-of-Flight (TOF) CMOS Range Image Sensor

☐ A 413 × 240-Pixel Sub-Centimeter Resolution Time-of-Flight CMOS Image Sensor with In-Pixel Background Canceling Using Lateral-Electric-Field Charge Modulators **☐**

Sang-Man Han, Tomoyuki Akahori, Shoji Kawahito et.al. Shizuoka University, and Brookman Technology, Inc.



ISSCC2012: 8K Super High-Vision Image Sensor

Toshihisa Watabe, Tomohiko Kosugi, Satoshi Aoyama, Shoji Kawahito et.al. NHK Science & Technology Research Laboratories, Shizuoka University, and Brookman Technology, Inc.



ISSCC2011: High Sensitivity Wide Dynamic Range CMOS Image Sensor

Min-Woong Seo, Tomoyuki Akahori, Keigo Isobe, Takashi Watanabe, Shoji Kawahito et.al. Brookman Technology, Inc., and Shizuoka University



Background

Figured below are achievements of the "Knowledge CLUSTER I" project, which inspired to establish Brookman Technology Inc..

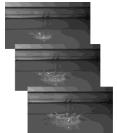
Wide Dynamic Range Image Sensor





High Speed Image Sensor





Time of Flight Range Image Sensor

