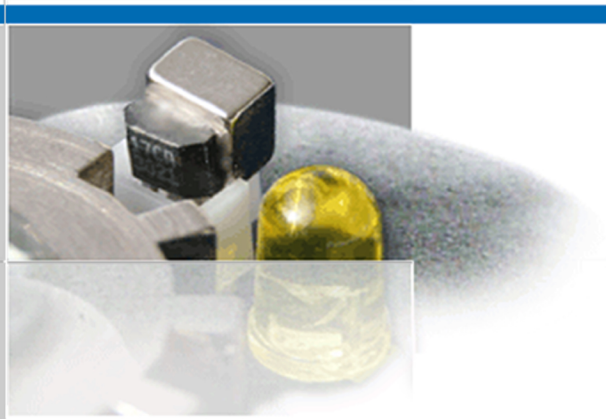


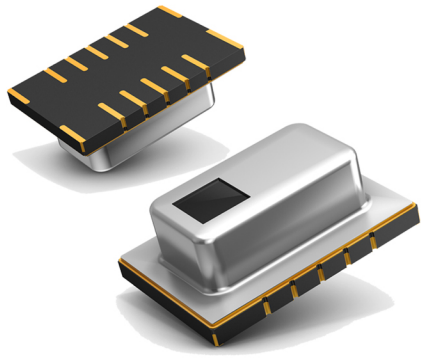
as electronic GmbH & Co. KG

Grid-EYE
64px Thermal Imager

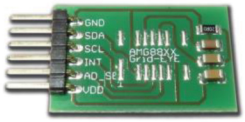
Panasonic

- **Matrix of 8x8 Infrared Thermometer Sensors**
- **Low Cost Thermal Imaging Sensor**
- **Compact SMD Design using MEMS Thermopile Technology**
- **Object Temperature Range -20°C … +100°C**
- **Ambient Temperature Range -20°C … +80°C**
- **Frame Rate of 10Hz or 1Hz • Field of View** (FOV) **60° x 60°**
- **Supply 3.3V or 5V • I²C Interface**

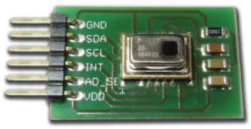
Grid-EYE Evaluation Kit

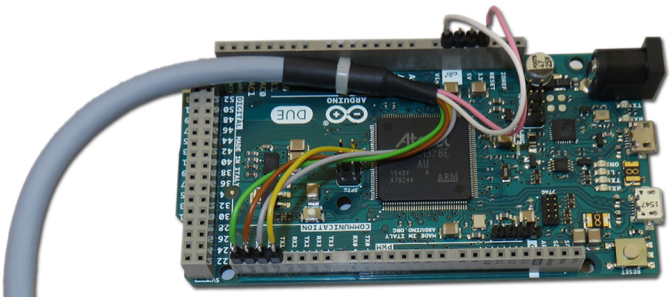


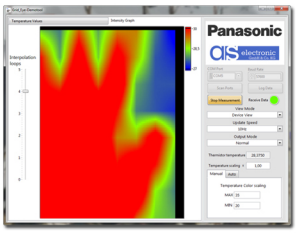
Grid-EYE
Development Tools



Ordering Code	*Description*
130-10029-000	**AS-TB-GridEYE-AMG88xx** Pre-Equipped PCB without Grid-EYE Sensor
130-10029-100	**AS-TB-GridEYE-AMG8833** PCB with Grid-EYE Sensor AMG8833 (3.3V/High-Gain/Gen.II)
130-10029-200	**AS-TB-GridEYE-AMG8834** PCB with Grid-EYE Sensor AMG8834 (3.3V/Low-Gain/Gen.II)
130-10029-300	**AS-TB-GridEYE-AMG8853** PCB with Grid-EYE Sensor AMG8853 (5V/High-Gain/Gen.II)
130-10029-400	**AS-TB-GridEYE-AMG8854** PCB with Grid-EYE Sensor AMG8854 (5V/Low-Gain/Gen.II)

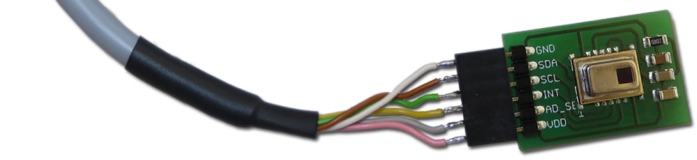


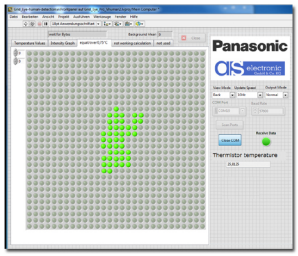




Software Demo Included

130-10030-100	**AS-TB-GridEYE-AMG8833-EK** ARDUINO DUE & PCB with Grid-EYE Sensor AMG8833 (3.3V/High-Gain/Gen.II)
130-10030-200	**AS-TB-GridEYE-AMG8834-EK** ARDUINO DUE & PCB with Grid-EYE Sensor AMG8834 (3.3V/Low-Gain/Gen.II)





Software Demo on Request