



## NXP Announces HoverGames Challenge 2: Help Drones Help Others

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### Robotics competition to leverage NXP's industrial and automotive portfolio for small autonomous vehicles for pandemic support

EINDHOVEN, The Netherlands, June 18, 2020 (GLOBE NEWSWIRE) -- **NXP Semiconductors N.V. (NASDAQ: NXPI)** today announced HoverGames Challenge 2: Help Drones Help Others. The second installment of NXP's challenge-based, interactive coding competition encourages developers to create drone and rover solutions for frontline support during pandemics. Participants will leverage NXP's broad portfolio of automotive, industrial and IOT technologies for system control, networking, security and motor control to create solutions that can make a difference in pandemic response.



The second installment of NXP's challenge-based, interactive coding competition encourages developers to create drone and rover solutions for frontline support during pandemics.

The collateral effects of pandemics leave citizens with difficult challenges to overcome. A lack of mobility, social isolation and lack of access to goods and services can be physically and psychologically devastating. HoverGames Challenge 2 will inspire participants to develop pioneering ways to use drones to help healthcare and frontline workers overcome these barriers. The competition encourages contestants to thoughtfully consider the full scope of the difficulties facing society during a pandemic, apply new learning, and work cooperatively through the development of open source code and community-tested projects to bring forth solutions that help society prepare for future challenges.

#### How to Get Involved

- Visit [HoverGames.com](https://www.hovergames.com) for entry details and submit the required application before July 31, 2020
- Apply your amazing creative and innovative ideas to help fight pandemics in unique and disruptive ways
- Competition closes November 30, 2020 and winners will be announced in December 2020

#### About the Drone Developer Kit

The hardware and software of this year's [developer kit](#) remains open, flexible and modular. The flight management unit (RDDRONE-FMUK44FMU) includes professional, automotive and industrial-grade components enabled by the PX4 flight stack. PX4 is a large commercially deployed open source flight stack and supports contemporary airframe architectures including VTOL aircraft, multicopter and rover profile. The kit also includes a strong, rigid, lightweight carbon-fiber quadcopter frame with platform, mounting rails, landing gear, motor controllers, motors and props as well as telemetry radio and remote control (RC) radio.

This year's kit will contain a bonus extension component, the NavQ, an i.MX8M Mini Vision development board.

Projects and learnings are transferable to real-world enterprise and commercial applications thanks to [Auterion](#), the company that builds the enterprise distribution of PX4 for the commercial drone market.

"The current pandemic has exposed our vulnerability to disease and the general structural breakdown that can occur during a crisis," said Iain Galloway, Drone Program Lead, Systems Innovation, NXP. "But we don't have to feel powerless in its wake, we can harness technology to make a difference. We invite you to leverage a complete functional system of hardware and software for drone and rover development and to share your creative solutions."

#### About NXP Semiconductors

NXP Semiconductors N.V. enables secure connections for a smarter world, advancing solutions that make lives easier, better, and safer. As the world leader in secure connectivity solutions for embedded applications, NXP is driving innovation in the automotive, industrial & IoT, mobile, and communication infrastructure markets. Built on more than 60 years of combined experience and expertise, the company has approximately 30,000 employees in more than 30 countries and posted revenue of \$8.88 billion in 2019. Find out more at [www.nxp.com](http://www.nxp.com).

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A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/d0114f81-7a6a-4450-a80d-d6afbfb501ef>



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