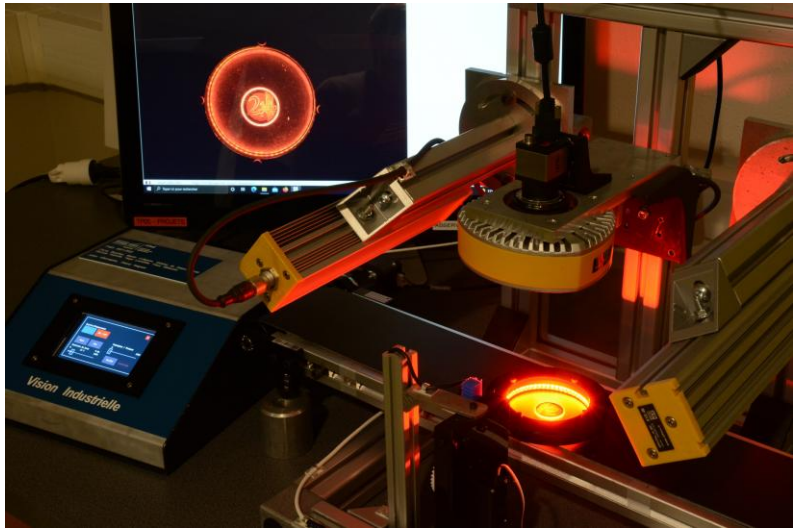
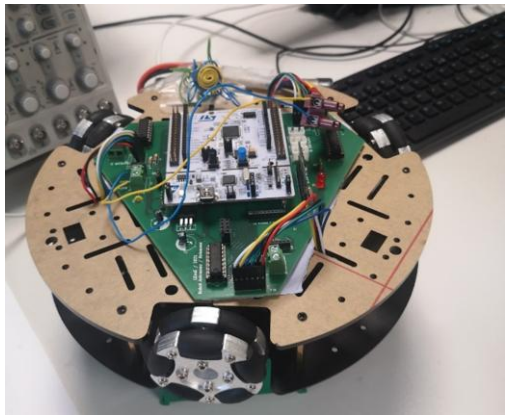
INSTITUT d'OPTIQUE GRADUATE SCHOOL | LEnsE Laboratoire d'Enseignement Expérimental

Interfaçage Numérique



Systèmes embarqués



Julien VILLEMEJANE

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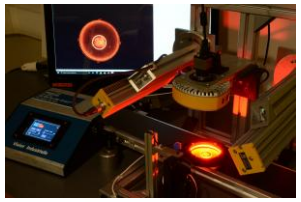
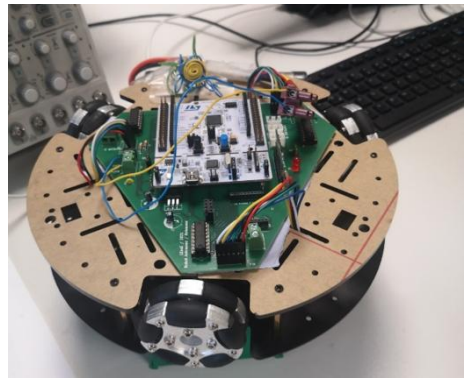
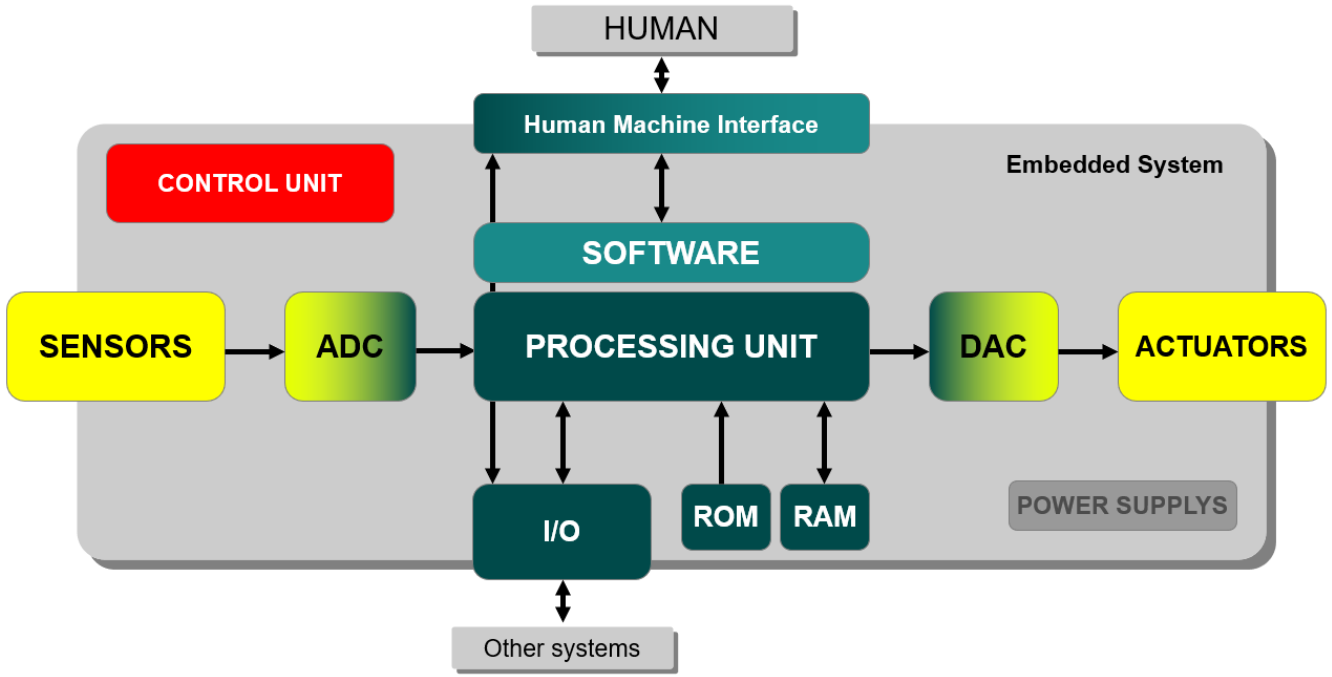


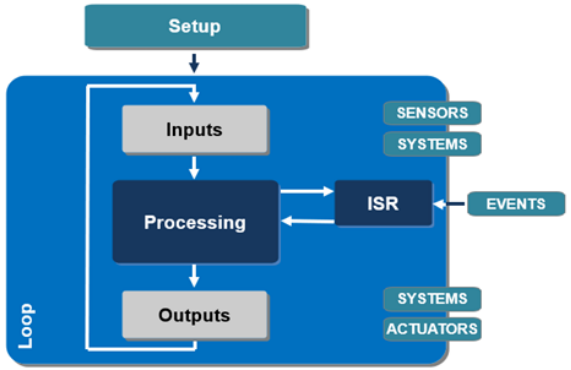
Systèmes embarqués

Spécificités d'un système embarqué

- regroupement d'un **système matériel** et d'un **logiciel**
- **architecture spécifique** / exécution d'un ensemble de tâches particulières
- réactif, autonome et en contact permanent avec son environnement







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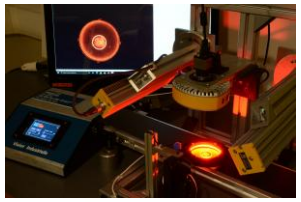
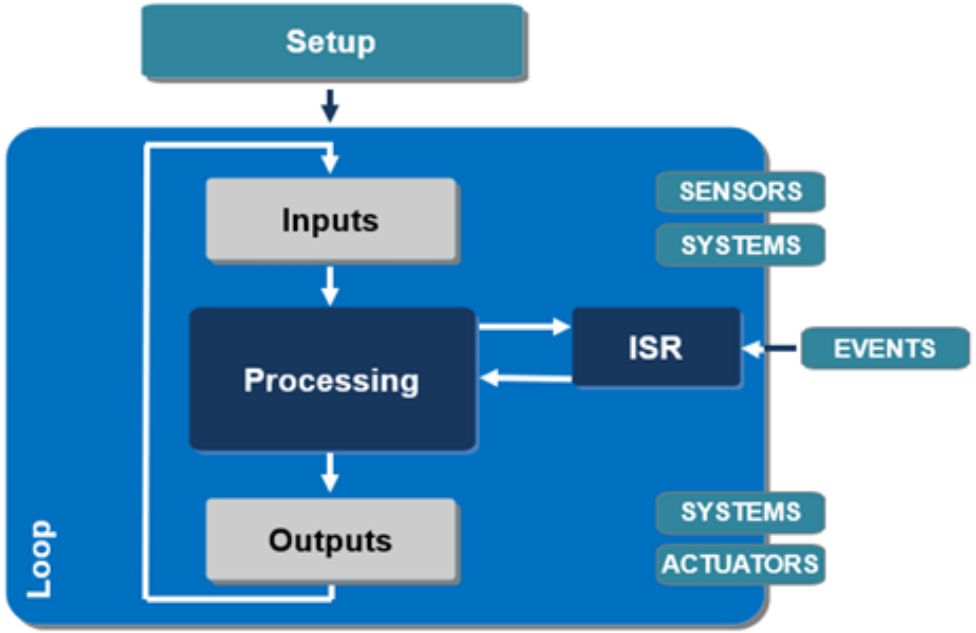
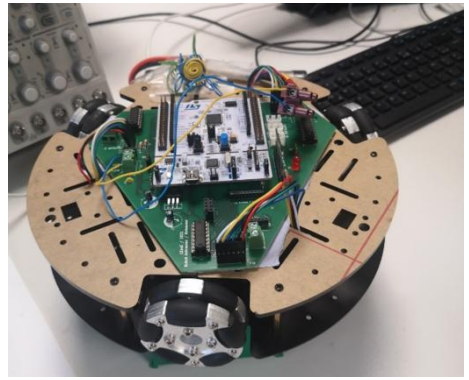
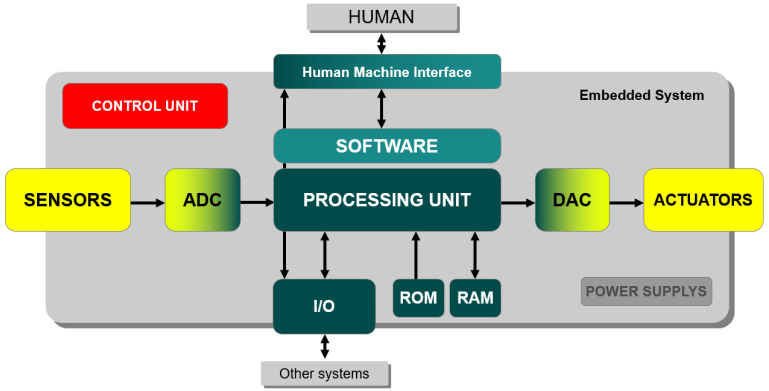


Systèmes embarqués

Programmation d'un système embarqué







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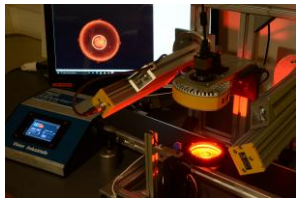
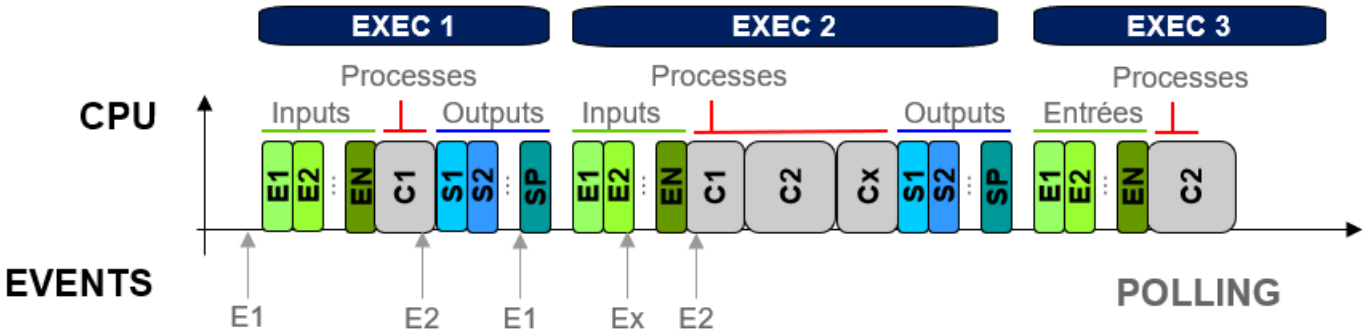
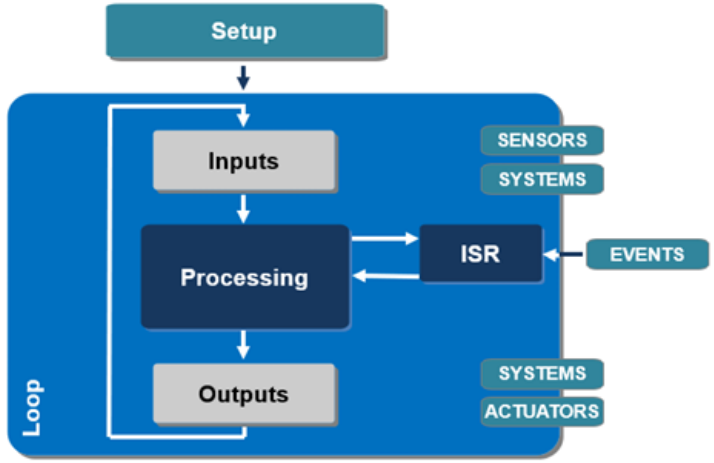
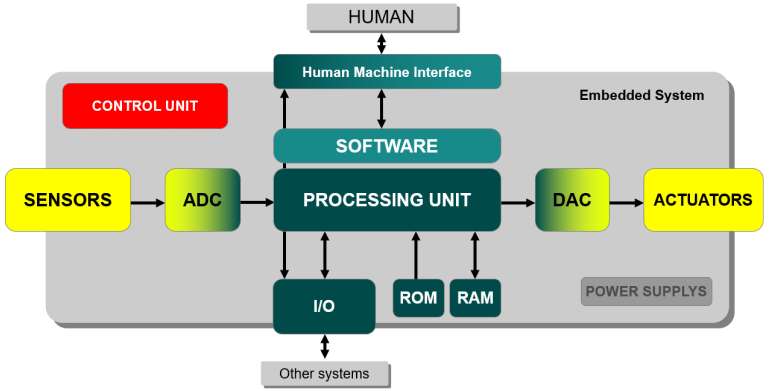


Systèmes embarqués

Programmation d'un système embarqué







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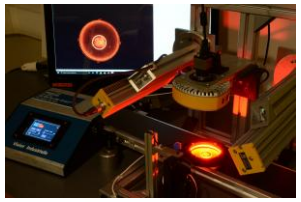
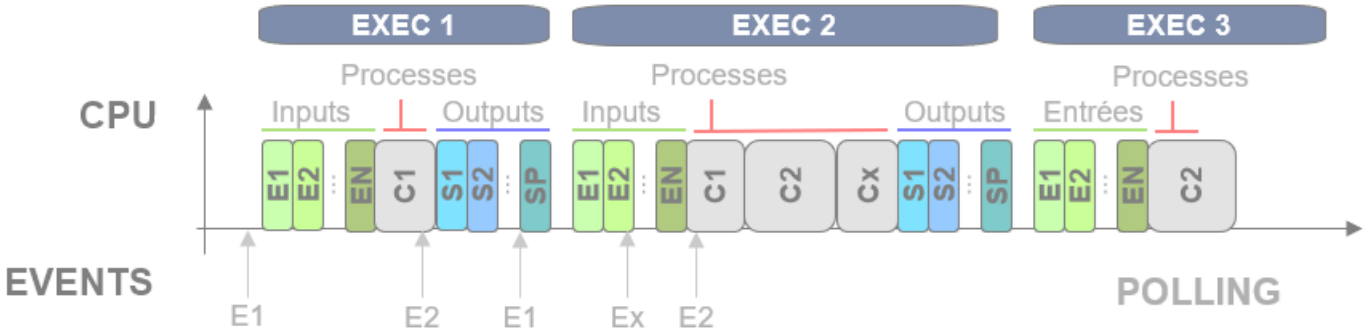
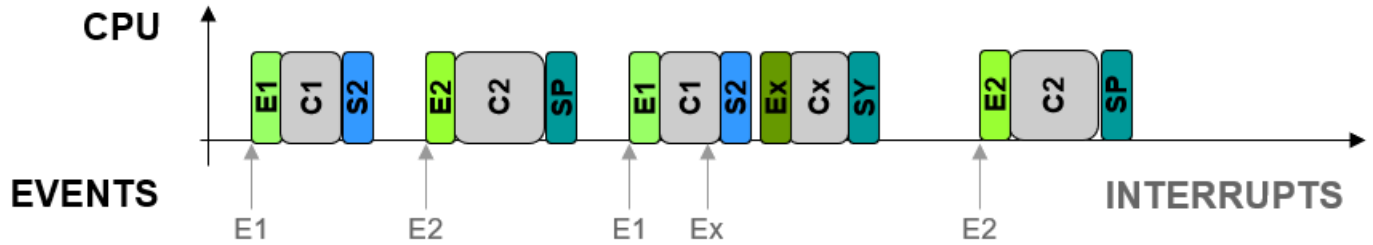
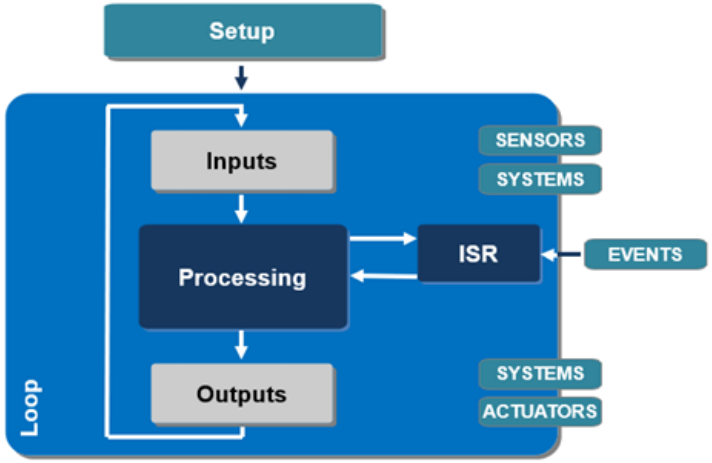


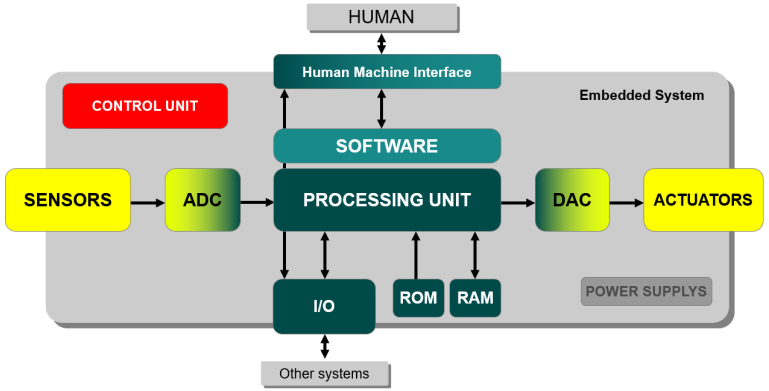
Systèmes embarqués

Programmation d'un système embarqué









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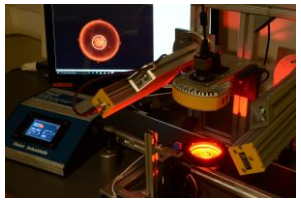
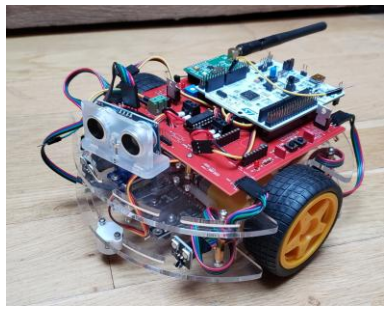
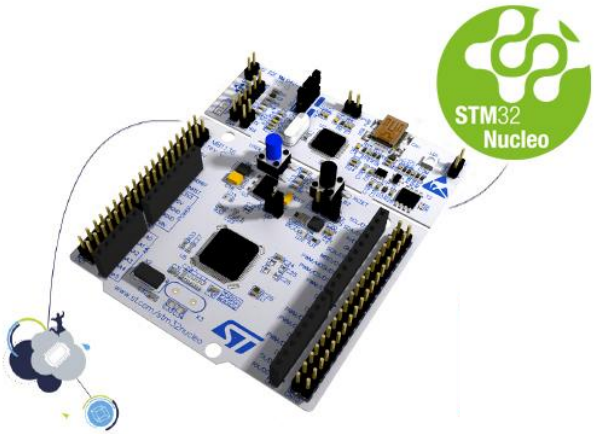


Systèmes embarqués / TP

Robot

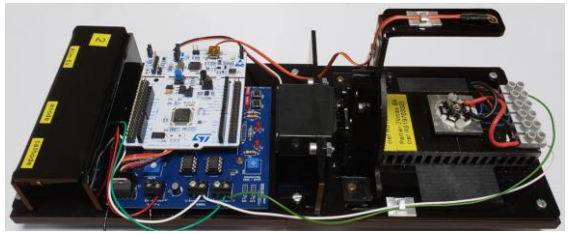
STM Nucleo | Robotique | Communication

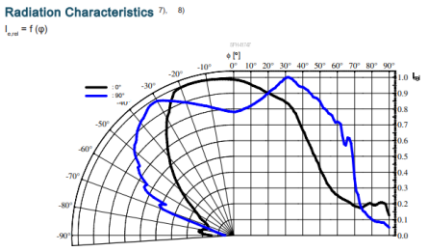




Rayonnement de LEDs

STM Nucleo | Protocole Série | LEDs Puissance





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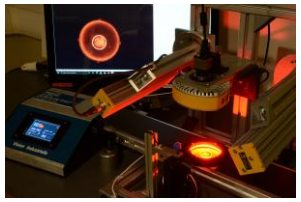
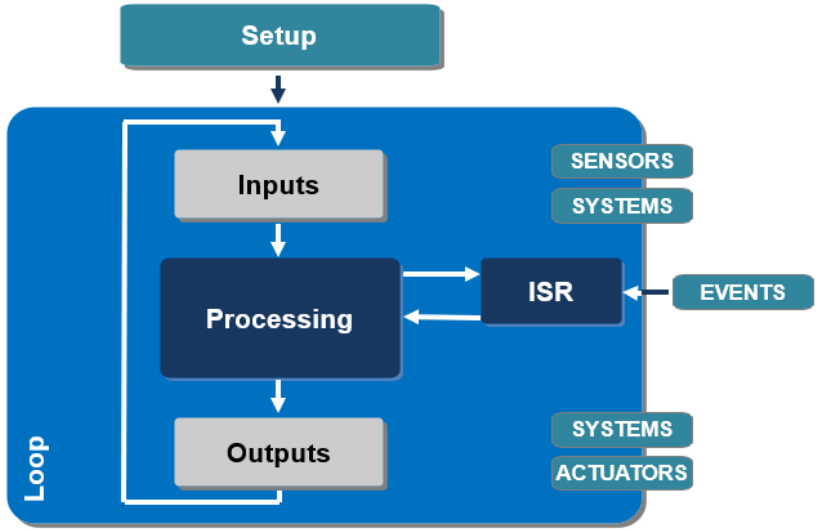
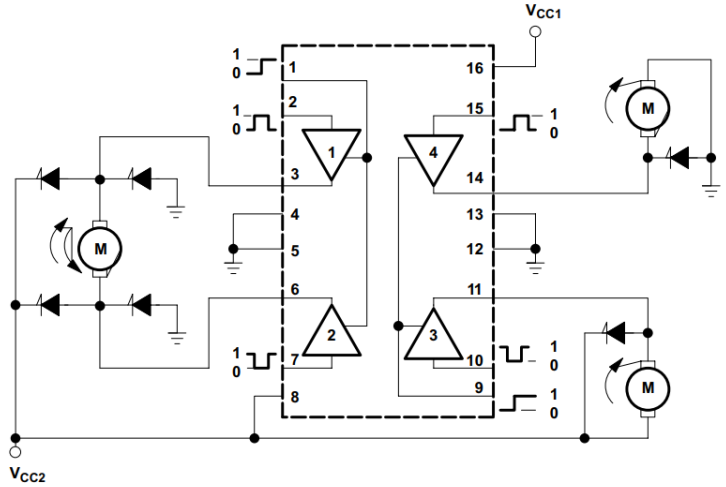


Systèmes embarqués / TP

Interactions avec l'environnement



Pilotage d'un moteur



Principe de la modulation de largeur d'impulsions