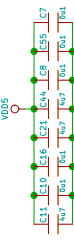


This module plugs into an Opennect-Controller Device with 1.8V to 5V IO and allows the controller to communicate with standard 5V Arduino Shields or to 5V Opennect-MCU Modules through the ATmega88

EEPROM must have 32kilo-bit capacity or higher to feature 3 physical address pins and 16-bit data addresses. Opennect-MCU Modules use a physical address of A0A1A2 = 11x where A2=x is set by M-Addr pin which allows module stacking. Most popular package is 3.9mm SOIC-8

Power Supply Decoupling



User LED



EEPROM



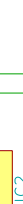
IC2



IC3



IC4



IC5



IC6



IC7



IC8



IC9



IC10



IC11



IC12



IC13



IC14



IC15



IC16



IC17



IC18



IC19



IC20



IC21



IC22



IC23



IC24



IC25



IC26



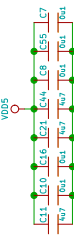
IC27



This module plugs into an Opennect-Controller Device with 1.8V to 5V IO and allows the controller to communicate with standard 5V Arduino Shields or to 5V Opennect-MCU Modules through the ATmega88

EEPROM must have 32kilo-bit capacity or higher to feature 3 physical address pins and 16-bit data addresses. Opennect-MCU Modules use a physical address of A0A1A2 = 11x where A2=x is set by M-Addr pin which allows module stacking. Most popular package is 3.9mm SOIC-8

Power Supply Decoupling



User LED



EEPROM



IC2



IC3



IC4



IC5



IC6



IC7



IC8



IC9



IC10



IC11



IC12



IC13



IC14



IC15



IC16



IC17



IC18



IC19



IC20



IC21



IC22



IC23



IC24



IC25



IC26



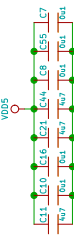
IC27



This module plugs into an Opennect-Controller Device with 1.8V to 5V IO and allows the controller to communicate with standard 5V Arduino Shields or to 5V Opennect-MCU Modules through the ATmega88

EEPROM must have 32kilo-bit capacity or higher to feature 3 physical address pins and 16-bit data addresses. Opennect-MCU Modules use a physical address of A0A1A2 = 11x where A2=x is set by M-Addr pin which allows module stacking. Most popular package is 3.9mm SOIC-8

Power Supply Decoupling



User LED



EEPROM



IC2



IC3



IC4



IC5



IC6



IC7



IC8



IC9



IC10



IC11



IC12



IC13



IC14



IC15



IC16



IC17



IC18



IC19



IC20



IC21



IC22



IC23



IC24



IC25



IC26



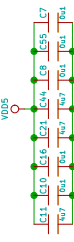
IC27



This module plugs into an Opennect-Controller Device with 1.8V to 5V IO and allows the controller to communicate with standard 5V Arduino Shields or to 5V Opennect-MCU Modules through the ATmega88

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Power Supply Decoupling



User LED



EEPROM



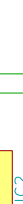
IC2



IC3



IC4



IC5



IC6



IC7



IC8



IC9



IC10



IC11



IC12



IC13



IC14



IC15



IC16



IC17



IC18

