



# EXPANSION CONNECTOR ACCESSORY KITS FOR MAKERS

CONNECTOR / CABLE ACCESSORY KITS USED FOR EXPANSION OF SINGLE BOARD SOLUTIONS

Tinkerers, hobbyists, students and enthusiasts form the backbone of the tech-influenced DIY community known as the Maker Movement. Makers use various open-source electronic platforms as they develop interactive products ranging from robotics and drones to arts, crafts and musical instruments. Rapid prototyping of innovative projects using open-source electronic platforms typically requires basic connectors and cable assemblies. Samtec has developed expansion connector accessory kits for the most popular platforms used by Makers today.

## ARDUINO UNO R3 EXPANSION CONNECTOR ACCESSORY KIT

The Arduino Uno R3 provides an easy-to-use hardware and software platform using basic microcontrollers. Makers use Arduino as the “brains” in everyday objects to advance instrumentation.

| SBM-ARDUINO-KIT CONTENTS |                 |                      |
|--------------------------|-----------------|----------------------|
| Socket Strips            | Terminal Strips | IDC Cables           |
| SSW-110-01-F-S           | TSW-110-07-F-S  | HCMS-10-D-03.00-02-S |
| SSW-108-01-F-S           | TSW-108-07-F-S  |                      |
| SSW-106-01-F-S           | TSW-106-07-F-S  |                      |
| SSW-102-01-F-S           | TSW-102-07-F-S  |                      |



Samtec Part No. SBM-ARDUINO-KIT

## ARM mbed APPLICATION BOARD EXPANSION CONNECTOR ACCESSORY KIT

The ARM mbed platform combines the scalability of ARM Cortex microprocessors with the ARM software ecosystem, giving Makers a development system for thousands of new applications. The mbed platform supports rapid prototyping and easy connection of external components.

| SBM-ARMMBED-KIT CONTENTS |                 |                    |
|--------------------------|-----------------|--------------------|
| Socket Strips            | Terminal Strips | IDC Cables         |
| SSW-120-01-F-D           | TSW-120-07-F-D  | HCSS-20-D-02.00-01 |
| SSW-110-01-F-S           | TSW-110-07-F-S  |                    |
| SSW-103-01-F-S           |                 |                    |



Samtec Part No. SBM-ARMMBED-KIT

## RASPBERRY Pi EXPANSION CONNECTOR ACCESSORY KIT

As a low-cost, high-performance computer, the Raspberry Pi simplifies coding basics, prototyping and hardware/software interaction for Makers. The platform finds a home in any number of applications while becoming increasingly popular for IoT connectivity.

| SBM-RASPBERRY-PI-KIT CONTENTS |                      |
|-------------------------------|----------------------|
| Socket Strips                 | IDC Cables           |
| SSW-120-01-F-D                | HCSD-20-D-02.00-01-N |
| REF-182665-03                 |                      |
| REF-182688-03                 |                      |



Samtec Part No. SBM-RASPBERRY-PI-KIT

For additional information, or support with implementation of Expansion Connector Accessory Kits into your design, please visit [samtec.com/maker](http://samtec.com/maker). Request a free Sudden Sample of other Samtec products at [samtec.com/sample](http://samtec.com/sample), delivered in 24 hours.

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