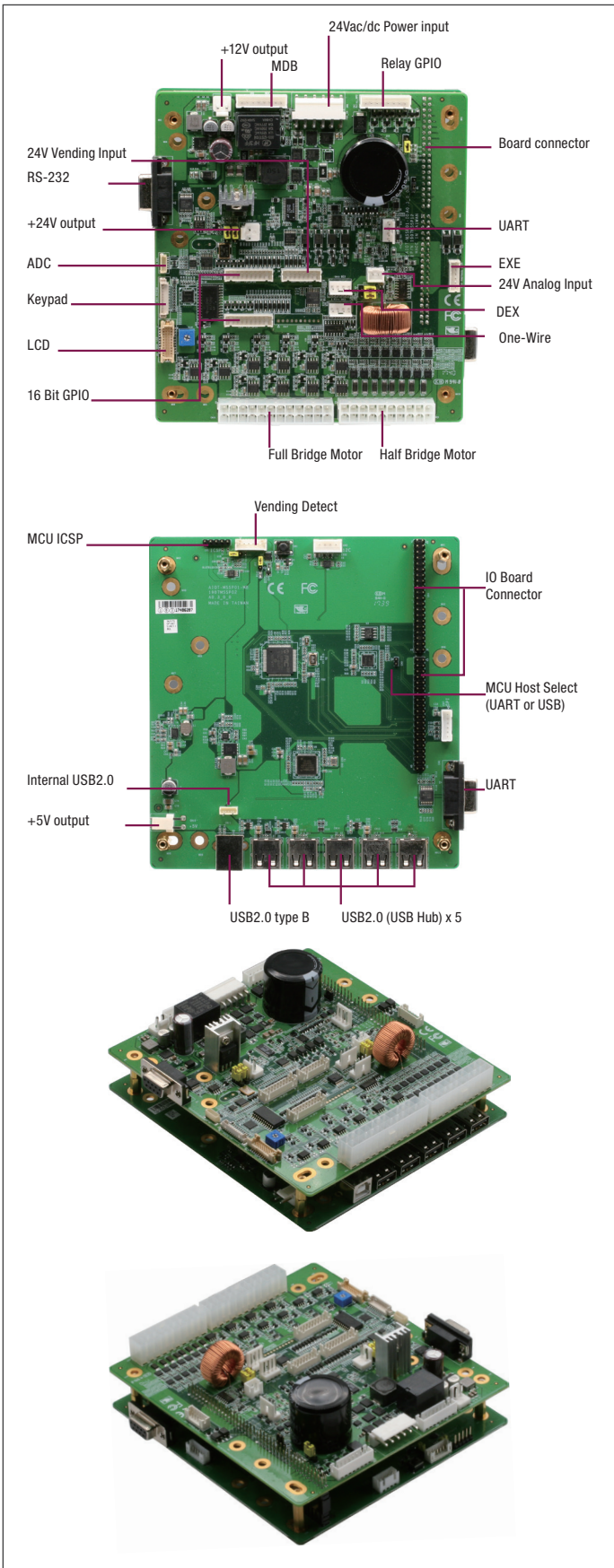


AIOT-MSSP01

Mini SSP Vending Control Board

IoT Gateway/Node Boards



Features

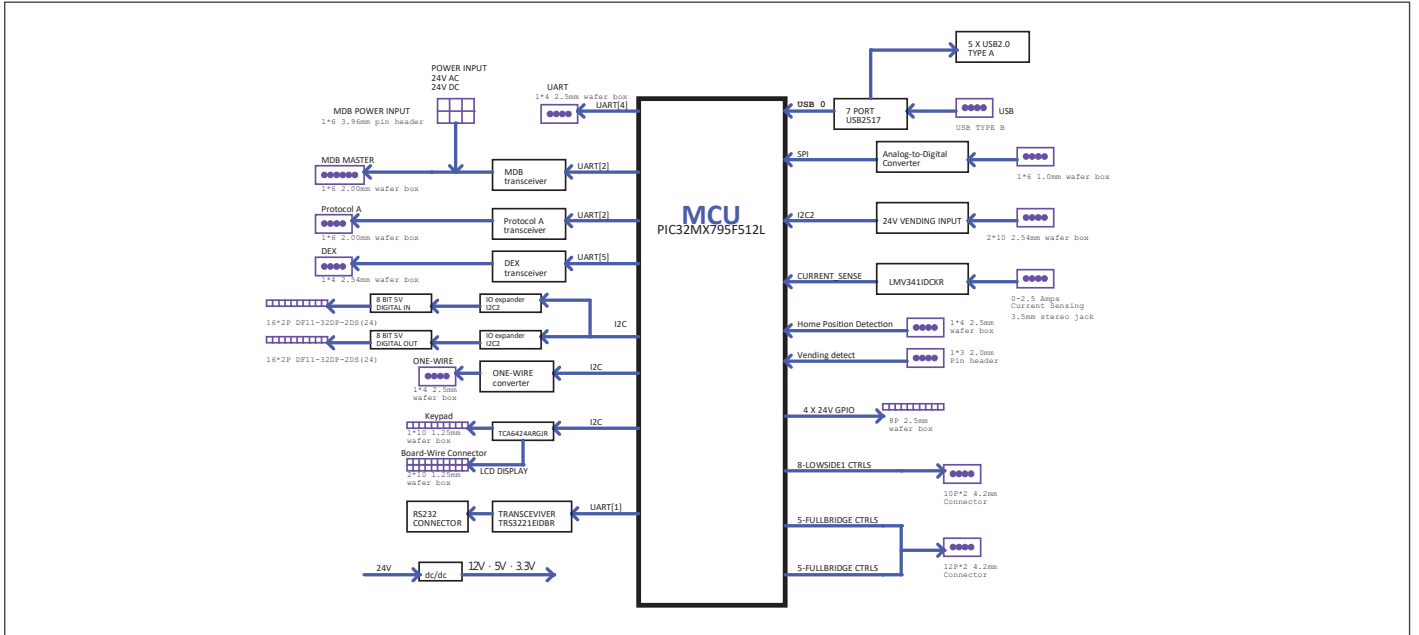
- Intel® Intelligent Vending Based
- MDB, EXE and USB Support For Vending Devices
- Flexible Motor Control
- 24V or 12V
- Supports GPIO, DC, PWM Type
- Supports up to 160 DC Motors
- Supports LCD and Keypad Feature



Specifications

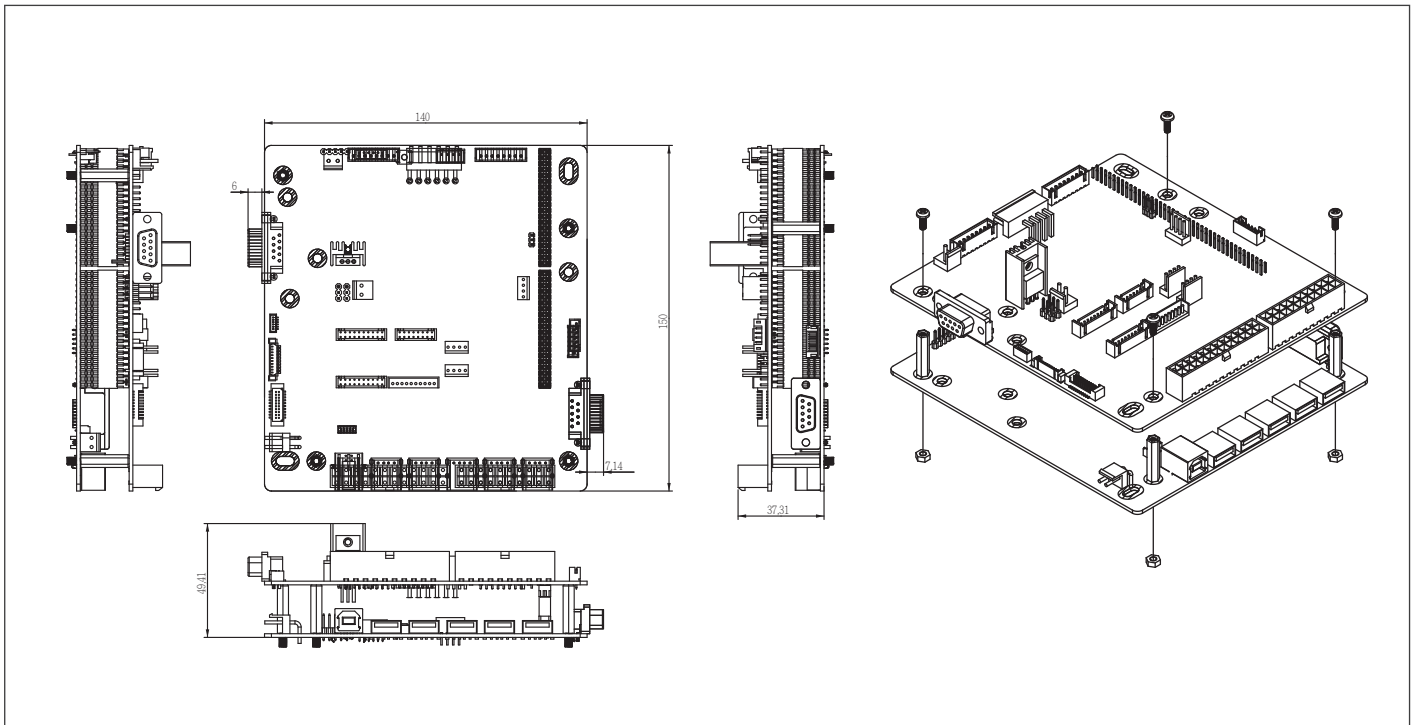
External Connector	
USB	USB 2.0 type A connector x 5 (via USB HUB) USB 2.0 type B connector x 1 (USB HUB Host)
Internal Connector	
MDB	MDB x 1
1-Wire	1-WIRE x 1
DEX	DEX x 1
Protocol A	Protocol A (EXE) x 1
Keypad	8 Bit Keypad x 1 (subject to support 4 x 4 keypad)
LCD	LCD x 1
ADC	4-channel ADC x 1
Relay GPIO	4-channel Relay GPIO for 12V & 5V by switch x 1
GPIO	16 Bit GPIO x 2
24V GPI	8 Bit 24V GPI x 1
24V Analog Voltage Sense	24V Analog voltage sense x 1
Power Input	24V AC/DC Power Input x 1
Motor Switch	Select motor 24Vdc or 12Vdc switch (Motor supports GPIO, DC, PWM type) x 1
Full Bridge Motor	Full bridge motor control x 5
Low Side Motor	Low side motor control x 16
Expansion Header	2* 20 PIN header x 2
Others	
Dimension	5.91" x 5.51" (150 mm x 140 mm)
Power Source	24V AC @ 50Hz, 24V DC
Operating Temperature	32 °F ~ 140 °F (0 °C ~ 60 °C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Certification	CE, FCC

Block Diagram



Dimension

Unit: mm



Packing List

- AIOT-VSSP01-A10-0001

Optional Accessories

Part Number	Description	QTY
9681VSSP01	AIOT-VSSP01 Cable kit	1
1709041001	USB2.0 type A to USB type B male cable	1
1255200601	24Vdc adapter	1
1702031802	USA power cord	1
1702062000	24V DC cable	1
1703150200	MDB & EXE cable to 24 VDC cable	1