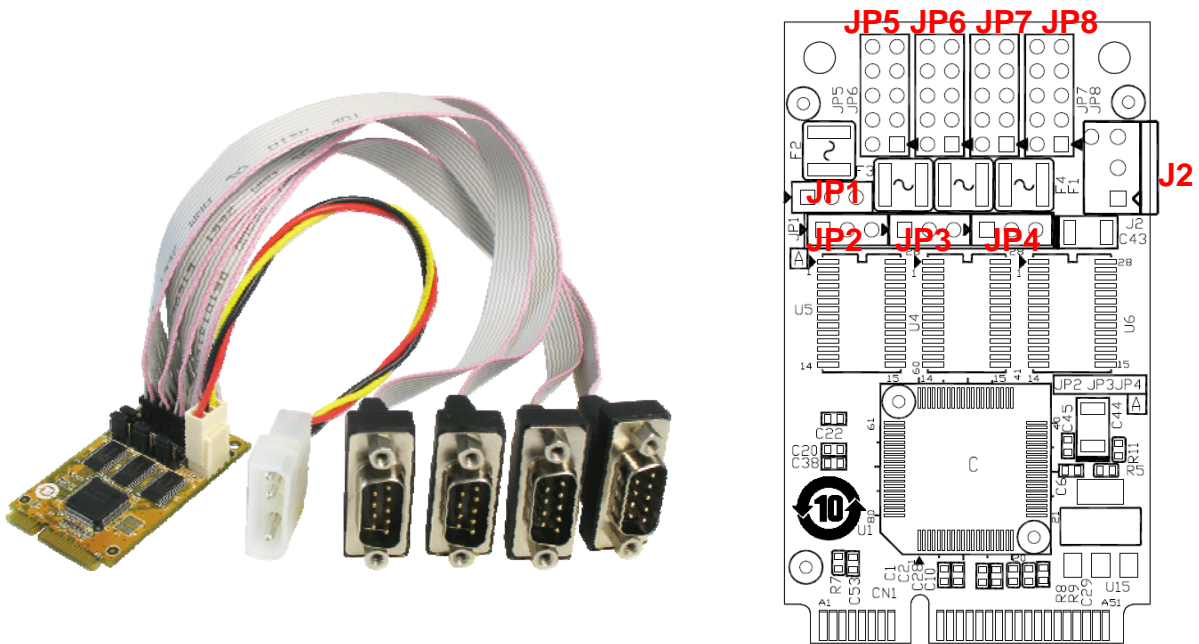# SUNIX MCS6456P Hardware Guide

4-port RS-232 Powered COM MiniCard

Board appearance:
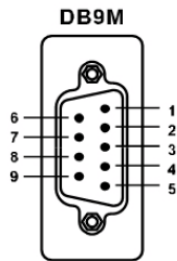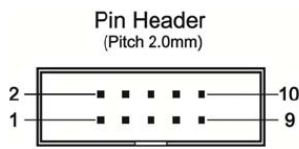

Port Configuration:

This table lists COM port sequence and paired power select pin.

	COM Port	Power Select Pin
COM3	JP5	JP1
COM4	JP6	JP2
COM5	JP7	JP3
COM6	JP8	JP4

COM Port Pin Assignment:

RS-232 pin assignment shows as below, including board header and DB9 male connector.
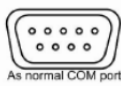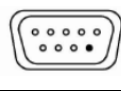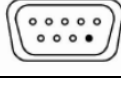Powered COM output overs 9th pin DB9M connector.

Pin Header
(Pitch 2.0mm)

PIN	Pin Header	PIN	Pin Header
DCD	1	CTS	6
DSR	2	DTR	7
RxD	3		
RTS	4	GND	9
TxD	5		

DB9M

PIN	DB9M
DCD	1
RxD	2
TxD	3
DTR	4
GND	5
DSR	6
RTS	7
CTS	8
+5V / +12V / NA	9

Power Configuration:

Each COM port supports 500mA power current to serial devices.

	Define	Jumper Settings
Default	As normal COM port	
+5VDC	5V	
+12VDC	12V	

Power Input:

J2 is power input pin header for powered COM feature. You can skip this power cable if there is not necessary power output to serial devices.

12VDC
GND
5VDC
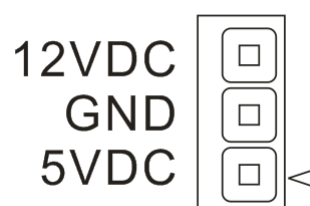
Mechanical Drawings:

(Unit = mm)