Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Proto Module
CY3210-ExpressDK and CY3210-FanMod

Overview:
The Proto Module connects to the CY3210-ExpressDK main board to provide extra prototyping space.

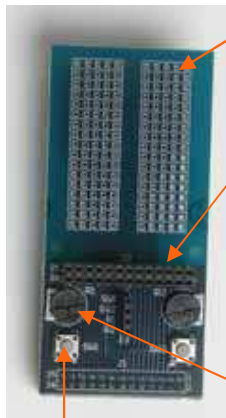Two potentiometers and two pushbutton switches are also included on the board.
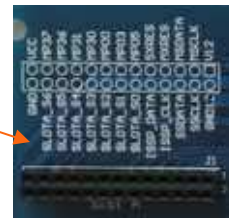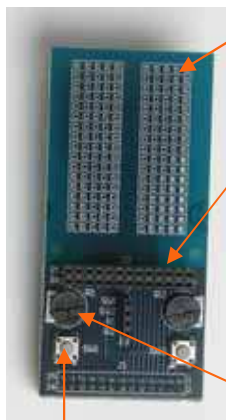
Prototyping Space
Each Proto Module includes a dual 5x17 prototyping array (breadboard not included).

Access to Module Ports
A socket provides access to the module ports.

(Module port from main board pictured here on the right.)
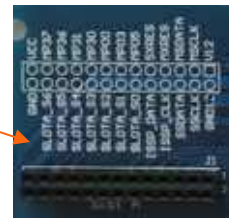
Switches
Two normally open internal pull down pushbutton switches are included.

Potentiometers
Two 10K potentiometers are included.

Top schematic

VCC

S1
S2

J3 — Header 4
1
2
3
4

R1 10K — VCC
R2 10K — VCC

J2:

Pin		Pin
2	GND (12V) — 12V	1
4	S SCLK — M SCLK	3
6	S SData — M SDATA	5
8	ISSP SCLK — M XRES	7
10	ISSP SData — S XRST	9
12	S0 — M ACOM1	11
14	S1 — M ACOM2	13
16	S2 — M ASlot	15
18	S3 — M Pin0	17
20	S4 — M Pin1	19
22	S5 — M Pin2	21
24	S6 — M Pin3	23
26	GND (5V) — 5 VDC	25

J1:

| Pin		Pin
1	12V — GND (12V)	2
3	M SCLK — S SCLK	4
5	M SDATA — S SData	6
7	M XRES — ISSP SCLK	8
9	S XRST — ISSP SData	10
11	M ACOM1 — S0	12
13	M ACOM2 — S1	14
15	M ASlot — S2	16
17	M Pin0 — S3	18
19	M Pin1 — S4	20
21	M Pin2 — S5	22
23	M Pin3 — S6	24
25	5 VDC — GND (5V)	26

VCC

Bottom schematic (identical to top)

VCC

S1
S2

J3 — Header 4
1
2
3
4

R1 10K — VCC
R2 10K — VCC

J2:

Pin		Pin
2	GND (12V) — 12V	1
4	S SCLK — M SCLK	3
6	S SData — M SDATA	5
8	ISSP SCLK — M XRES	7
10	ISSP SData — S XRST	9
12	S0 — M ACOM1	11
14	S1 — M ACOM2	13
16	S2 — M ASlot	15
18	S3 — M Pin0	17
20	S4 — M Pin1	19
22	S5 — M Pin2	21
24	S6 — M Pin3	23
26	GND (5V) — 5 VDC	25

J1:

Pin		Pin
1	12V — GND (12V)	2
3	M SCLK — S SCLK	4
5	M SDATA — S SData	6
7	M XRES — ISSP SCLK	8
9	S XRST — ISSP SData	10
11	M ACOM1 — S0	12
13	M ACOM2 — S1	14
15	M ASlot — S2	16
17	M Pin0 — S3	18
19	M Pin1 — S4	20
21	M Pin2 — S5	22
23	M Pin3 — S6	24
25	5 VDC — GND (5V)	26

VCC