WIP

Aussie order

Nick	Base kits	Extra ports (Max 4 per base kit)	Midi Cables
Durisian	4	12	
Levon	5	20	4
drboom	2	8	
H2O	2	4	
Wilba	2	8	
/tilted/	10	40	
diablojoy	5	12	
theprotool	7	28	
matoz	10	40	8
j00lz	2	8	
TOTAL	**49**	**180**	12
~~stryd_one~~	~~10~~	~~40~~	Waiting for next batch

Prices for the GM5 USB-Midi interface

Base Kit

www.jaycar.com.au

Prices correct from 07/07/08

Description	Qty	Part #	Price	Bulk 10+	Bulk 25+	Bulk 50+	Bulk 100+
Crystal 16 MHz	1	NA					
Optocoupler 6N138	1	6N 138	4.25	3.75	2.90		
Optocoupler 6N138 10PACK	1	ZD1943	19.95	17.70	13.70		
Serial EEPROM 24C04 (Optional!)	1						
IC-Socket for Optocoupler and EEPROM	1	PI6452	1.00	0.90	0.80		
Resistor 4.7 kOhm pk of 8	1	RR0588	0.38	0.34		0.31	
Resistor 1 kOhm pk of 8	3	???? *	0.38	0.34		0.31	
Resistor 220 Ohm pk of 8	4	RR0556	0.38	0.34		0.31	
Ceramic Cap 100 nF pk of 2	2	RC5360	0.28		0.19		0.16
Ceramic Cap 1000 nF (1 uF)	1	???? *	0.28		0.19		0.16
Ceramic Cap 22 pF pk of 2	2	RC5316	0.28		0.19		0.16
Polarised Capacitor 10 uF	1	RE6066	0.20		0.14		0.12
Diode 1N4148 pk of 5	1	ZR1100	0.32	0.28	0.26		
Green Rx/Tx LED	1	ZD0120	0.20	0.18	0.14		
USB Socket B-Type for PCB mounting	1	PS0920	2.20	1.95	1.75		

Description	Qty	Part #	Price	Bulk 10+	Bulk 25+	Bulk 50+	Bulk 100+
MIDI sockets for PCB mounting	2	PS0350	1.70	1.50		1.35	
2-row SIL Headers (2*5 and 2 pins)	1	HM3250	1.44	1.15			
				18.89			

* i couldn't find some parts on the jaycar website, some of the prices are approximated

^ need to buy 25+ to get discount

t Midi Sockets $1.35 when ordering 50+

http://www.rockby.com.au

Description	Qty	Stock #	Price	bulk 10+	Bulk 100+
Crystal 16 MHz	1	13681	2.118	1.906	
Optocoupler 6N138	1	26172	2.110	1.900	
Serial EEPROM 24C04 (Optional!)	1				
IC-Socket for Optocoupler and EEPROM	1	13746	0.770	0.501	0.300
Resistor 4.7 kOhm	1	15312		0.044	0.013
Resistor 1 kOhm	3	28694		0.088	* 0.033
Resistor 220 Ohm	4	15336		0.044	0.013
Ceramic Cap 100 nF	2	13091		0.090	0.065
Ceramic Cap 1000 nF (1 uF)	1	19800	0.545	0.490	0.429
Ceramic Cap 22 pF	2	13049		0.090	0.065
Polarised Capacitor 10 uF	1	24449	0.194	0.174	
Diode 1N4148	1	13992	0.050	0.030	0.025
Green Rx/Tx LED	1	15096	0.182	0.163	0.099
USB Socket B-Type for PCB mounting	1	29893	0.847	0.561	
MIDI sockets *not suitable for Surface mounting	2	14206	2.299	2.069	
2-row SIL Headers (2*5 and 2 pins)	1				
MIDI CABLE 1.8m		14447	2.695	2.035	
				12.08	

* 1K 1/4W were out of stock, these are 1K 1/2W

Extra Port

Description	Qty	Price
MIDI sockets for PCB mounting	2	
Optocoupler 6N138	1	
Resistor 4.7 kOhm	1	
Resistor 1 kOhm	1	
Resistor 220 Ohm	3	
		$7 ish

There is an option to do a Split Buy from Jaycar and Rockby. the optocoupler is cheaper at Jaycar, and

also Rockby's midi ports are not suitable for Surface mounting, and are cheaper at Jaycar. (levon)

Is there a reason the rockby midi ports are not suitable? they look pretty standard to me... (durisian)

I sware someone changed the image on the rockby site, when i checked a while ago it wasn't a surface mounting port, what im confused is the plug says its 180deg.. not 90deg like the image (levon) still , the optocouplers at jaycar are alot cheaper.. $13 for a 10 pack at jaycar... $19 for 10 at rockby. we would save around 50c per midi port. seeing as we are buying 219 optocouplers and 438 midi ports... thats about $250 difference.

We are now looking at 100+ for almost all items

I have been doing some calculations in spreadsheets, looks like we will get the following prices:

	base kit	**extra port**
Jaycar	10.01 *	5.07
Rockby	10.87	6.5
Split purchase	9.84	4.48

*excluding crystal

From:
https://wiki.midibox.org/ - **MIDIbox**

Permanent link:
https://wiki.midibox.org/doku.php?id=tk_gm5_jaycar_partlist&rev=1225253637

Last update: **2008/10/29 04:13**