WIP

Aussie order

Nick	Base kits	Extra ports (Max 4 per base kit)	Midi Cables
Durisian	5	16	
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	50	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)		HM3250	1.44	1.15			
				18.89			

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

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	

^{* 1}K 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

http://midibox.org/dokuwiki/ Printed on 2025/11/09 04:13

[^] need to buy 25+ to get discount

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

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