

Study on Merlin-Papywizard interface

MERLIN / PAPYWIZARD interface		**	***
<u>Experimented solutions</u>	Tronisoft 9751	Ursa Minor BT interface	Parallax-A7eng-eb500-SER
Status Web link Picture with cable and Power Supply Need for dedicated Power Supply (PSU) Need for dedicated cable/connector Dedicated Cable/connector available ?	« Proved solution » Tronisoft 9751 Tronisoft 9751 No (build-in 5V) Yes Yes (included in kit)	« Proved solution » Ursa Minor BT Ursa Minor BT No (build-in ?V) Yes Yes (included in kit)	« Proved solution » Parallax - A7eng eb501-SER Parallax A7eng eb501-SER No (build-in multi V) Yes Yes experimental
Recommended ?	NO (big difficulties with availability !)	YES, but expensive	YES, need a dedicated cable same as Tronisoft but only with header connectors !
Delivery	Only from UK (they claim « worldwide »)	From Austria (they claim « worldwide »)	Realy Worldwide from Parallax in several Countries and idem from Mouser
Remarks	Dedicated cable is prepared by «claudeVH » and send by Tronisoft with the kit		Dedicated cable will be prepared by claudeVH and directly send to the users (shipment should be paid, very low as it will be send by « normal mail as letter » (Paypal)

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<u>Experimented solutions</u>	Roving-Networks-RN-24S	Sparkfun-Bluesmirf-Gold	Sparkfun-Bluesmirf-Silver
Status Web link Picture with cable and Power Supply Need for dedicated Power Supply (PSU) Need for dedicated cable/connector Dedicated Cable/connector available ?	« Still in investigation » Roving Networks RN-24S Roving Network RN-24S No (build-in multi V) Yes Yes (existing, same as Tronisoft)	« Proved solution » Sparkfun Bluesmirf Gold Sparkfun Bluesmirf Silver & Gold Yes, should be build Yes No, should be build	« Proved solution » Sparkfun Bluesmirf Silver Sparkfun Bluesmirf Silver & Gold Yes, should be build Yes No, should be build
Recommended ?	No (need modification!)	Not at this stage of investigation, PSU should be build	Not at this stage of investigation, PSU should be build
Delivery	From US and in several Countries via Distributors.	From US and several Distributors & Retailers Worldwide	From US and several Distributors & Retailers Worldwide
Remarks	Further investigation ongoing !	Further investigation ongoing !	Further investigation ongoing !

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<u>Experimented solutions</u>	Sparkfun Bluetooth® DIP Module - Roving Networks	Bluetooth® DIP Module – SparkFun	A7eng-eb301
Status Web link Picture with cable and Power Supply Need for dedicated Power Supply (PSU) Need for dedicated cable/connector Dedicated Cable/connector available ?	« Still in investigation » Sparkfun BT DIP module Roving Networks Not yet tested (3.3V operation) No, should be build	« Still in investigation » BT DIP Module Sparfun Not yet tested (3.3V operation) No, should be build	« Proved solution » A7eng-eb301 A7eng eb301 Yes Yes No, should be build
Recommended ?	Not at this stage of investigation, PSU should be build	Not at this stage of investigation, PSU should be build	Not at this stage of investigation, PSU should be build
Delivery	From US and several Distributors & Retailers Worldwide	From US and several Distributors & Retailers Worldwide	
Remarks	Further investigation ongoing !	Further investigation ongoing !	Deeper study, very promising for the future