

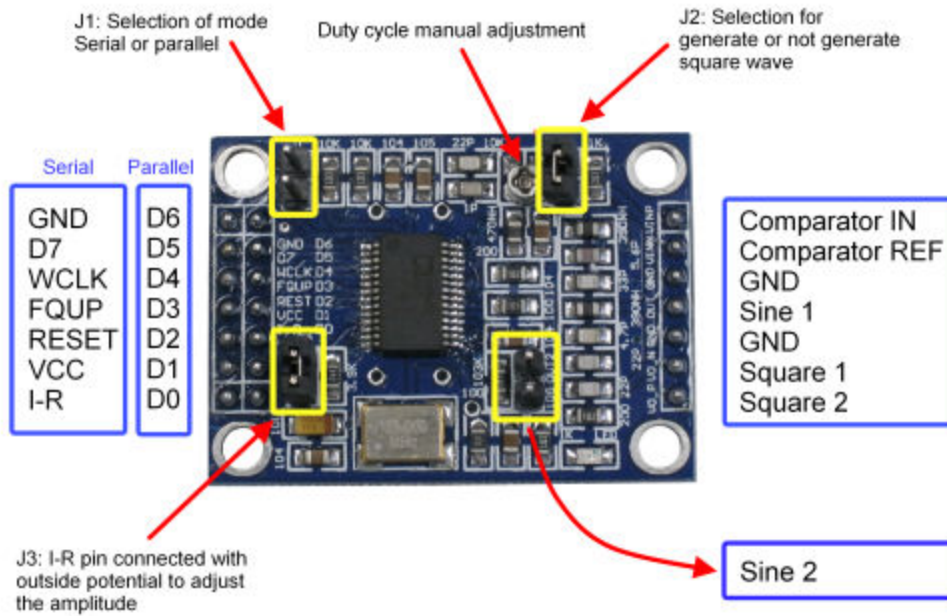
Part Name and Value	Sch. Ref.	Quantity	eBay Listing
printed-circuit-board	PCB	1	custom AA PCB
headers-jumpers-sockets			
single-row-header-socket-4-pin		14	http://www.ebay.com/sch/single-row-socket-4pin
single-row-header-socket-6-pin		4	http://www.ebay.com/sch/single-row-socket-6pin
single-row-header-pin-1x40		2	http://www.ebay.com/sch/single-row-header-pin-1x40
dupont-jumper-wire-10cm-female-to-female		10	http://www.ebay.com/sch/dupont-jumper-female-to-female-10cm
ic-socket-dip-8-pin	U1	1	http://www.ebay.com/sch/ic-socket-dip-8-pin
dc-power-jack-pcb-2.1mm		1	http://www.ebay.com/sch/dc-power-jack-pcb-2.1mm
jst-xh-2.5-2-pin-male-female-connector for battery & antenna		2	http://www.ebay.com/sch/jst-xh-2.5-2-pin-male-female
jst-xh-2.5-3-pin-male-female-connector for power switch		1	http://www.ebay.com/sch/jst-xh-2.5-3-pin-male-female
SPDT (center OFF) toggle or slide switch		1	http://www.ebay.com/sch/spdt-toggle-switch-center-off
BNC female solder connector		1	http://www.ebay.com/sch/bnc-female-solder-connector
resistors-capacitors-inductors			
resistor-1/8watt-1%-51-ohm	R1, R2, R3, RL	4	www.ebay.com/sch/resistor-0.125w-metal-film-51ohm
resistor-1/8watt-1%-1k	R6, R10, R13, R15, R17	5	www.ebay.com/sch/resistor-0.125w-metal-film-1k
resistor-1/8watt-1%-2k	R12, R14, R16, R18	4	www.ebay.com/sch/resistor-0.125w-metal-film-2k
resistor-1/8watt-1%-10k	R4, R7, R8, R11	4	www.ebay.com/sch/resistor-0.125w-metal-film-10k
resistor-1/8watt-1%-100k	R5, R9	2	www.ebay.com/sch/resistor-0.125w-metal-100k
resistor-1/8watt-1%-10-ohm	R19	1	http://www.ebay.com/sch/resistor-0.125w-metal-film-10ohm
capacitor-ceramic-disc-10nf	C4, C5	2	http://www.ebay.com/sch/capacitor-ceramic-disc-10nf
capacitor-ceramic-disc-100nf	C1, C2, C3, C6, C7, C8	6	http://www.ebay.com/sch/capacitor-ceramic-disc-100nf
inductor-axial-100uH	L1	1	http://www.ebay.com/sch/inductor-axial-100uH

Part Name and Value	Sch. Ref.	Quantity	eBay Listing
semiconductors-ICs			
diode-germanium-AA143-or-1N34A	D1, D2	2	www.ebay.com/sch/diode-germanium-1N34A
diode-silicon-rectifier-1N4001	D3, D4 D5, D6	4	www.ebay.com/sch/diode-rectifier-1N4001
ic-dual-op-amp-MCP6002-or-LM358N (DIP package)	U1	1	www.ebay.com/sch/ic-dual-op-amp-LM358N
ic-MMIC-MSA-0386 (SMT package)	U2	1	http://www.ebay.com/sch/mmic-msa-0386
circuit-modules			
mega-2560-pro-mini		1	http://www.ebay.com/sch/arduino-2560-pro-mini
DDS-AD9850-(Type2)		1	http://www.ebay.com/sch/dds-ad9850
TFT-LCD-MCUFriend-3.6-inch		1	http://www.ebay.com/sch/3.6-tft-lcd-320-480-arduino
voltage-regulator-mini-360		1	http://www.ebay.com/sch/mini-360-buck
rotary-encoder-with-switch-and-knob		1	http://www.ebay.com/sch/rotary-encoder-arduino

Notes:**Op-Amp LM 358 (DIP package)****MMIC MSA-0386 (SMT package)**

Notes:

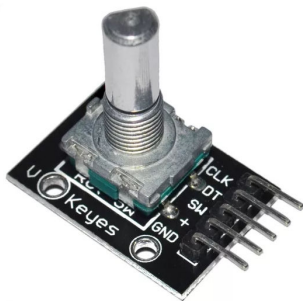
DDS-AD9850-(Type 2)



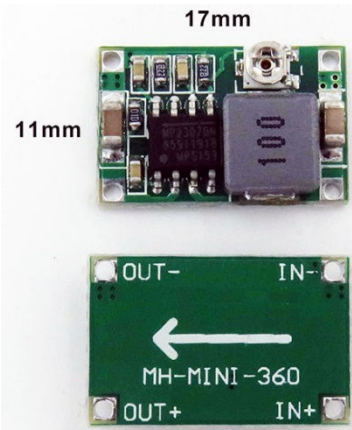
For Antenna Analyzer project:

- **Install jumper on J1.**
- Jumpers J2 and J3 are NOT required.
- Sine 2 is AD9850 unfiltered output. **Do not connect any jumper on Sine 2 output.**

Rotary Encoder



Mini 360 Voltage Regulator



ICSP Header for 16U2

A0-A15

Aref

D32-D47

Reset

Reset Button

ICSP

ICSP for Mega2560

D0-D31

5V and 3V3 Output

External Power In (7V-12V)

Mini-B USB Port