

Form factor	55mm x 86mm x 19mm (with mbed)
128x32 Graphics LCD, SPI Interface	Newhaven C12832A1Z MOSI:p5 nRESET:p6 SCK:p7 A0:p8
3 Axis +/-1 1.5g Accelerometer,I2C Interface	Freescale MMA7660 SCL:p27 SDA:p28 Address:0x98
Temperature sensor	LM75B SCL:p27 SDA:p28 Address:0x90
5 way Joystick	ALPS SKRHADE010 Down:p12 Left:p13 Centre:p14 Up:p15 Right:p16
2 x Potentiometers	Iskra PNZ10ZA, 10k Pot 1 (left) :p19 Pot 2 (right):p20
2 x 3.5mm Audio jack (Analog In/Out)	CUI Inc SJ-3523-SMT Analog In:p17 Analog Out:p18
2 x Servo motor headers	PWM1:p22 PWM2:p21
RGB LED, PWM connected	Cree Inc CLV1A-FKB Red:p23 Green:p24 Blue:p25
Speaker, PWM Connected	MULTICOMP MCSMT-8030B-3717 p26
USB-B Connector	Neltron, 5075ABMR-05-SM1

Pulse Jack, J00-0045NL

CLIFF, FC68145S
1.3mm
6v-9v
Centre positive