

Model Description

FCC ID	: APYHRO00083	Model Name	: SH1810C
Destination	: China Market only	Brand Name	: SHARP
Emission Type	: GSM(PCS) ----- GXW EGPRS ----- G7W	Type of Equipment	: Cellular Phone / Bluetooth enable

RF-section

Items		
Cellular Phone	Technical Specification	3GPP R99
	Frequency Band	GSM 900MHz : Tx 880.2 to 914.8MHz Rx 925.2 to 959.8MHz 1800MHz : Tx 1710.2 to 1784.8MHz Rx 1805.2 to 1879.8MHz 1900MHz : Tx 1850.2 to 1909.8MHz Rx 1930.2 to 1989.8MHz NOTE: GSM900/1800MHz Band do not operate in USA
	Tx Power	GSM 900MHz : 33dBm±2dB(GSM/GPRS) / 33dBm±2dB(EGPRS) 1800MHz: 30dBm±2dB(GSM/GPRS) / 30dBm±2dB(EGPRS) 1900MHz: 30dBm±2dB(GSM/GPRS) / 30dBm±2dB(EGPRS)
	Transmission Technology	GSM : FDMA/TDMA
	Data Transmission	GSM : GMSK / 8PSK GSM GPRS Class 10 (Total 5slots, TX: max 2 / RX: max 4) GSM EGPRS Class 10 (Total 5slots, TX: max 2 / RX: max 4)
	Voice Codec	GSM : EFR/ FR
	Antenna	Integrated Antenna: Reversed L Type Antenna See attached construction drawing
Bluetooth	Technical Specification	Bluetooth Version 2.0 (without EDR)
	Frequency Band	TX 2402MHz to 2480MHz RX 2402MHz to 2480MHz
	Tx Power	Class2, Nominal 0dBm (Max +4dBm / min -6dBm)
	Type of Modulation	GFSK
	Transmission Technology	FHSS
	Antenna	Integrated Antenna --- See attached construction drawing Reversed L-Type / Gain = 0dBi

Class B Personal computer PERIPHERAL DEVICE

Items		
USB	Clock Frequency	32.768kHz, 26MHz, 208MHz
	USB Data Cable / Connector	Shielded / Unshielded

Feature

Cell Phone Feature	SIM		Plug-in 3V SIM card slot
	Display		
		Main	2.95inch, 16,777,216 colors TFT(ASV), 854x480(FWVGA) with Backlight
		Sub	0.8inch, (Organic EL), 96x16 dots
	Camera		
		Main	C-MOS 8.5M pixel
		Sub	CIF-CMOS
	Battery/ Talk time		
		Capacity	680mAh
		Battery type	Rechargeable Lithium-Ion Battery
		standby time	260h
		talk time	210min.
	Dimensions		
		Target size	48.0(W) x 105.0(D) x 17.3(H)mm (Close position)
		Target weight	110g
	Key Layout		Left Soft Key ,Right Soft Key ,Navigation keys (4Keys) ,Center key ,Shortcut Key ,Multimedia Key ,Send/End keys ,function keys (3keys) ,0-9 unmeric key ,* key ,# key ,Clear key ,and 4 side keys

Interface

External I/F	Headset connector		For Stereo Headset (10 pins)
	MCPC connector		For USB Cable or AC Charger
	SIM card terminal		1 slot
	SD Card connector		For micro SD card (1 slot)
	Integrated charger circuit		

Accessory

Accessory	AC Charger		Inbox Accessory, Input AC 100 to 240V Output DC 5.0V/680mA
	Battery		Inbox Accessory, Lithium-Ion, DC3.7V 680mAh
	Stereo Handsfree(Headset)		Inbox Accessory
	USB Data Cable		Inbox Accessory