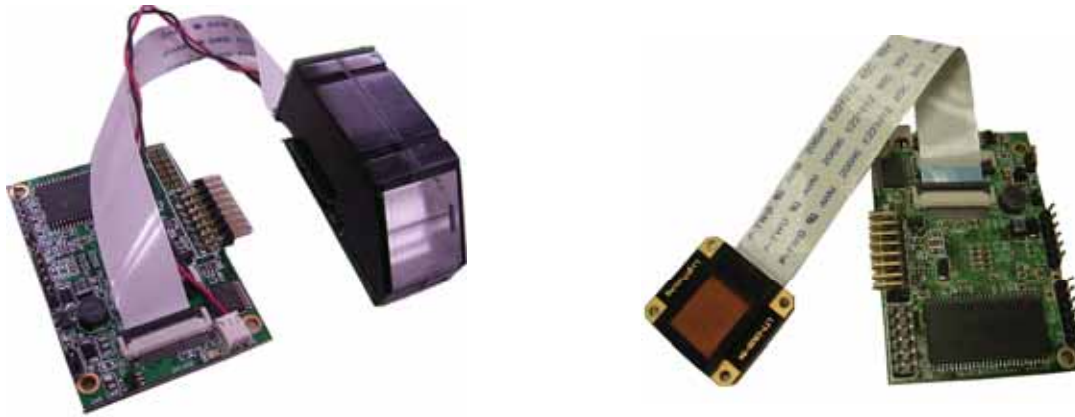


***WM101*** (Chip Sensor)  
***WM102*** (Optical Sensor)



***Processor:*** 396Mhz 32 bit DSP

***Communication Interface:*** Dual RS232 port

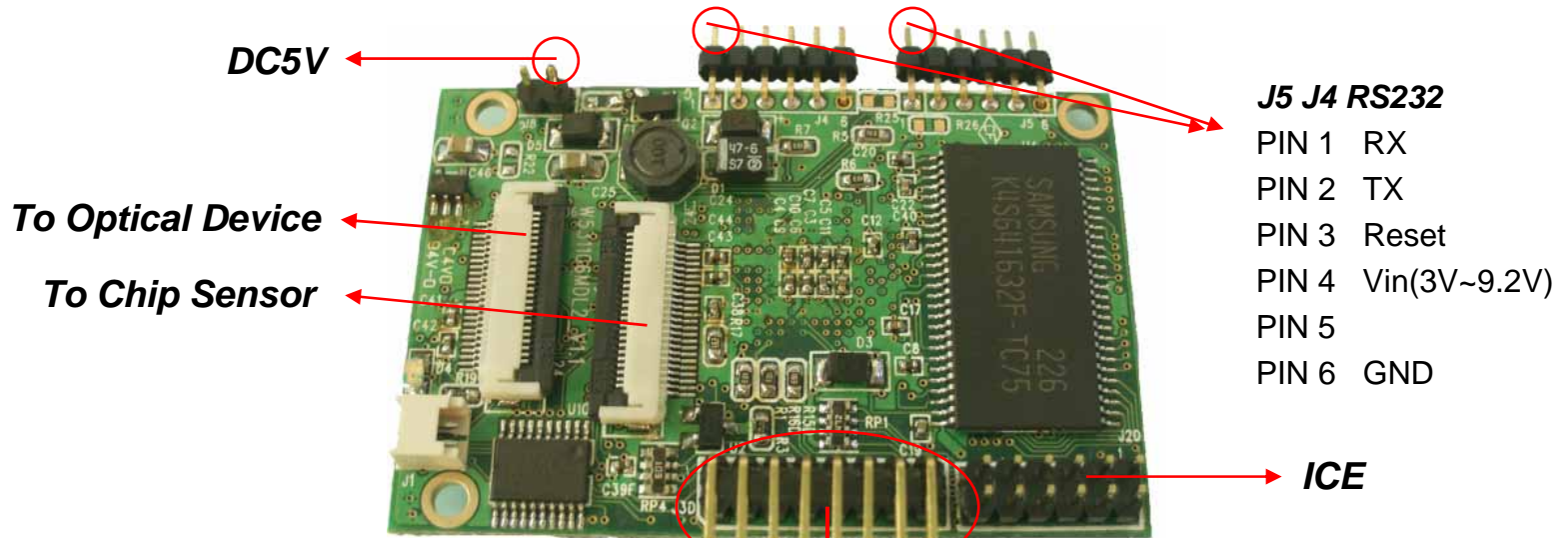
***Fingerprint interface:*** 24-pin digital signal input from CMOS sensor/Chip Sensor

***Baud Rate:*** 9600, 19200, 38400, 57600 & 115200 bps for RS232

***Power Consumption:*** 5V D.C., 220mA(operating) for Optical Sensor,  
170mA for Chip Sensor

***Matching Speed:*** 0.5s for 1-to-1 verification

***Maximum User:*** 500 x 3 fingers, extendable



J3D

PIN 4 UART\_TX2  
PIN 6 GPIO1  
PIN 8 GPIO2  
PIN 10 GPIO7  
PIN 12 Reset  
PIN 14 PF1

PIN 2 UART\_RX2  
PIN 16 5V\_EN  
PIN 1 3.3V  
PIN 15 Vin

PIN 3 GND  
PIN 5 GPIO4  
PIN 7 GPIO5  
PIN 9 GPIO6  
PIN 11 5V  
PIN 13 GPIO3

PIN 1	3.3V (Out)
PIN 2	UART_RX2 (Reserved)
PIN 3	GND
PIN 4	UART_TX2 (Reserved)
PIN 5	GPIO4 (Out)
PIN 6	GPIO1 (In)
PIN 7	GPIO5 (Out)
PIN 8	GPIO2 (In)
PIN 9	GPIO6 (Out)
PIN 10	GPIO7 (In)
PIN 11	5V (Out)
PIN 12	Reset (low)
PIN 13	GPIO3 (In)
PIN 14	PF1 (Reserved)
PIN 15	Vin (3V~9.2V)
PIN 16	5V_EN (Reserved)