

ACTiSYS IrDA Protocol IC Family: ACT-IR8200H, L, L-M, L-T, P Function Table (v1.23)
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PART NO.		IR8200H (5V / 3V ver.)	IR8200L (5V / 3V ver.)	IR8200L-T (5V / 3V ver.)	IR8200L-M (5V / 3V ver.)	IR8200P-P (2.7V~3.6V)	IR8200P-C (2.7V~3.6V)	IR8200P-B (2.7V~3.6V)
TYPE	ITEM							
Host Interface	DB-9P RS232 interface	✓	✓	✓	✓	✓	✓	✓
	Parallel data interface							
	RS232 Speed (bps)	9.6k~115.2k	1.2k~115.2k	1.2k~115.2k	1.2k~115.2k	9.6k	9.6k	9.6k
	CTS/RTS flow control	✓	✓	✓	✓	✓	✓	✓
	DataSize	255 bytes FIFO	255 bytes FIFO	2048 bytes FIFO	255 bytes FIFO	128 bytes FIFO	128 bytes FIFO	128 bytes FIFO
	Ignore CTS/DSR		✓	✓	✓	✓	✓	✓
	XON/XOFF flow control		✓ (IrLPT only)	✓ (IrLPT only)	✓ (IrLPT only)	✓ (IrLPT only)		
	Parameter Setting SW (Runs on: Win98/NT/2K/XP)		✓	✓	✓			
	HW Jumper Setting	✓	✓	✓	✓			
	None, 8, 1	✓	✓	✓	✓	✓	✓	✓
	Even, 7, 1	✓	✓	✓	✓			
	IrDA Protocol Stack	IrDA Primary mode	✓			✓		
IrDA Secondary mode		✓	✓	✓	✓	✓	✓	✓
IrDA Speed (bps)		9.6k~115.2k	9.6k~115.2k	9.6k~115.2k	9.6k~115.2k	9.6k~115.2k	9.6k~57.6k	9.6k~57.6k
Max. PacketSize		128 bytes	128 bytes	2048 bytes	128 bytes	128 bytes	64 bytes	64 bytes
IrPHY		✓	+ IR220VACF	+IR220VACF	+IR220VACF	✓	✓	✓
IrLAP		✓	✓	✓	✓	✓	✓	✓
IrLMP		✓	✓	✓	✓	✓	✓	✓
IrLPT			✓	✓	✓(Secondary)	✓		
TinyTP		✓	✓	✓	✓		✓	✓
IrCOMM 9wire cooked		✓	✓	✓	✓		✓	
IrCOMM 3wire raw			✓	✓	✓(Secondary)	✓		
IrOBEX Transport			✓	✓	✓(Secondary)			✓
IC	IC Package	QFP 80 pin	PLCC 44 pin /TQFP 44 pin	PLCC 44 pin /TQFP 44 pin	PLCC 44 pin /TQFP 44 pin	QFP 64 pin	QFP 64 pin	QFP 64 pin
	Application					Printer		
Cost	\$/Chip	High	Medium	Medium	Medium	Lower	Lower	Lower

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