

FarSync T2U-PMC User I/O Pin Out Guide

This document describes the pin out of the *FarSync T2U-PMC* User I/O (connector P4):

	REF	Pin	Signal		Pin	Signal	
PORT A	D1	1	TxDa	Out	2	TxDb	Out
	R1	3	RxDa	In	4	RxDb	In
	---	5	0V	---	6	RSVD	---
	D4	7	RTSa	Out	8	RTSb	Out
	R4	9	CTSa	In	10	CTSb	In
	R5	11	DSRa	In	12	DSRb	In
	R6	13	DCDa	In	14	DCDb	In
	---	15	0V	---	16	RSVD	---
	D2/R2	17	TxCa	In/Out	18	TxCb	In/Out
	D3/R3	19	RxCa	In/Out	20	RxCb	In/Out
	---	21	0V	---	22	RSVD	---
	D7/D8	23	RL	Out	24	LL	Out
	D5	25	DTRa	Out	26	DTRb	Out
	D6	27	TTa	Out	28	TTb	Out
	R7/R8	29	RI	In	30	TMI	In
PORT B	---	31	0V	---	32	/CBLIN	In
	D1	33	TxDa	Out	34	TxDb	Out
	R1	35	RxDa	In	36	RxDb	In
	---	37	0V	---	38	RSVD	---
	D4	39	RTSa	Out	40	RTSb	Out
	R4	41	CTSa	In	42	CTSb	In
	R5	43	DSRa	In	44	DSRb	In
	R6	45	DCDa	In	46	DCDb	In
	---	47	0V	---	48	RSVD	---
	D2/R2	49	TxCa	In/Out	50	TxCb	In/Out
	D3/R3	51	RxCa	In/Out	52	RxCb	In/Out
	---	53	0V	---	54	RSVD	---
	D7/D8	55	RL	Out	56	LL	Out
	D5	57	DTRa	Out	58	DTRb	Out
	D6	59	TTa	Out	60	TTb	Out
	R7/R8	61	RI	In	62	TMI	In
	---	63	0V	---	64	/CBLIN	In

RSVD denotes pin reserved for future use, do not use

In denotes an input to the *FarSync T2U-PMC* and *Out* denotes an output from the *FarSync T2U-PMC*.

The interface appears as a DTE by default (TxC/RxC inputs). The interface can appear as a DCE by the use of appropriate cabling and configuration (TxC/RxC outputs).

Standard connector pin out (DTE configured)

The host system to which the *FarSync T2U-PMC* is attached will usually present the User I/O as backplane I/O, this will often connect to a transition card and present the I/O on standard connectors. Standard connector types and pin outs are listed here for reference:

RS232	DB25	RS530	DB25	RS530A	DB25	X.21	DB15	V.35	M34
	1		1		1		1	FG	A
TxD	2	SD(A)	2	SD(A)	2	Ta	2	SD(A)	P
		SD(B)	14	SD(B)	14	Tb	9	SD(B)	S
RxD	3	RD(A)	3	RD(A)	3	Ra	4	RD(A)	R
		RD(B)	16	RD(B)	16	Rb	11	RD(B)	T
RTS	4	RTS(A)	4	RTS(A)	4	Ca	3	RTS	C
		RTS(B)	19	RTS(B)	19	Cb	10		
CTS	5	CTS(A)	5	CTS(A)	5	Ia	5	CTS	D
		CTS(B)	13	CTS(B)	13	Ib	12		
DSR	6	DSR(A)	6	DSR	6			DSR	E
		DSR(B)	22						
GND	7	GND	7	GND	7		8	SG	B
DCD	8	DCD(A)	8	DCD(A)	8			RLSD	F
		DCD(B)	10	DCD(B)	10				
TxC	15	ST(A)	15	ST(A)	15	Sa	6	SCT(A)	Y
		ST(B)	12	ST(B)	12	Sb	13	SCT(B)	AA
RxC	17	RT(A)	17	RT(A)	17			SCR(A)	V
		RT(B)	9	RT(B)	9			SCR(B)	X
LL	18	LL	18	LL	18			LL	L
DTR	20	DTR(A)	20	DTR	20			DTR	H
		DTR(B)	23						
RL	21		21		21			RLB	N
RI	22			RI	22				
GND				GND	23				
TT	24	TT(A)	24	TTa	24			SCTE(A)	U
		TT(B)	11	TT(B)	11			SCTE(B)	W
TMI	25	TM	25	TM	25			TM	NN

22 denotes shared pin, RS530 is DSR(B), RS530A is RI

23 denotes shared pin, RS530 is DTR(B), RS530A is GND

If you have any questions about this issue, please contact the support department as detailed below:

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