

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
A		0	0	0	0	1	0	0	0	0	G	0	0	0	0	9	0	0	0	0	G	0	0	0	0	9	0	0	0	0	0	G	G		
B	0	0	1	0	0	0	0	G	0	0	0	0	9	0	0	0	0	G	0	0	0	0	9	0	0	0	0	0	0	G	G	G	T	T	
C	0	0	0	0	G	0	0	0	0	1	0	0	0	0	G	0	0	0	0	9	0	0	0	0	G	0	0	G	G	G	R	R	G	G	
D	0	G	0	0	0	0	1	0	0	0	0	G	0	0	0	0	9	0	0	0	0	G	0	0	0	0	9	G	K	K	G	V	T	T	
E	0	0	0	1	0	0	0	0	G	0	0	0	0	9	0	0	0	0	G	0	0	0	0	9	0	0	0	G	V	G	R	R	G	G	
F	7	0	0	0	0	G	0	0	0	0	1	0	0	0	0	G	0	0	0	0	9	0	0	0	0	G	0	G	K	K	G	G	T	T	
G	0	0	G	0	0	0	0	3	0	0	0	0	G	0	0	0	0	9	N	N	N	0	G	0	0	0	0	G	V	G	R	R	G	G	
H	0	0	0	0	7	0	0	0	0	G	0	0	0	0	1	0	0	0	N	G	N	N	N	N	9	0	0	G	K	K	G	V	T	T	
J	0	7	0	0	0	0	G	0	0	0	0	3	0	0	0	0	G	0	N	N	N	9	N	N	N	0	0	G	V	G	R	R	G	G	
K	0	0	0	G	0	0	0	0	7	0	0	0	0	G	0	0	0	9	N	N	N	N	G	N	G	G	G	R	R	G	G	T	T		
L	G	N	N	N	0	7	0	0	0	0	G	0	0	0	0	1	0	0	N	N	G	N	N	9	N	G	K	K	V	G	R	R	G	G	
M	N	N	7	N	0	0	0	G	0	0	0	0	7	0	L	G	X1	G	X1	G	9	G	X9	G	L	F	V	G	R	R	G	V	T	T	
N	N	N	N	N	G	0	0	0	0	7	0	0	0	0	G	X1	G	X1	G	X9	G	X9	G	X9	B	G	K	K	V	G	T	T	G	G	
P	0	G	N	N	N	N	7	N	N	N	N	G	N	N	X7	G	C	G	C	G	C	G	C	G	C	P	F	V	G	R	R	G	G	T	T
R	0	0	0	7	N	N	N	N	G	N	N	N	N	7	G	X7	G	C	G	C	G	C	G	C	G	C	G	K	K	V	G	R	R	G	G
T	7	0	0	0	N	G	N	N	N	N	7	N	N	N	X7	G	C	G	C	G	C	G	C	G	C	P	G	V	G	R	R	G	V	T	T
U	0	0	G	0	0	0	0	2	0	0	0	0	G	0	G	X7	G	L	G	C	G	C	G	C	B	G	K	K	V	G	T	T	G	G	
V	0	0	0	0	2	0	0	0	0	G	0	0	0	0	X2	G	C	G	C	G	C	G	C	G	P	G	V	G	R	R	G	G	T	T	
W	0	5	0	0	0	0	G	0	0	0	0	2	0	0	G	X2	G	C	G	C	G	C	G	C	B	G	K	K	V	G	R	R	G	G	
Y	0	0	0	G	0	0	0	0	4	0	0	0	0	0	X4	G	C	G	C	G	C	G	C	G	P	G	V	G	R	R	G	V	T	T	
AA	G	0	0	0	0	5	0	0	0	0	G	0	0	4	G	X4	G	HA	G	C	G	HA	G	C	G	G	K	K	V	G	T	T	G	G	
AB	0	0	6	0	0	0	0	G	0	0	0	0	6	0	6	G	HA	G	HA	G	HA	G	HA	G	B	G	V	G	R	R	G	G	T	T	
AC	0	0	0	0	G	0	0	0	0	6	0	0	0	0	G	L	G	HA	G	Z	G	Z	G	L	G	G	K	K	V	G	R	R	G	G	
AD	0	G	0	0	0	0	6	0	0	0	0	G	0	0	0	8	N	N	N	0	G	0	0	0	0	G	G	G	R	R	G	V	T	T	
AE	0	0	0	6	0	0	0	0	G	0	0	0	0	8	0	0	N	N	G	N	0	0	0	Z	0	0	0	G	V	G	T	T	G	G	
AF	6	0	0	0	0	G	0	0	0	0	6	0	0	0	0	G	N	N	N	N	Z	0	0	0	0	G	0	G	K	K	G	G	N	N	
AG	0	0	G	0	0	0	0	6	0	0	0	0	G	0	0	0	N	Z	N	N	0	0	G	0	0	0	0	G	V	G	N	N	G	G	
AH	0	0	0	0	6	0	0	0	0	G	0	0	0	0	8	N	N	N	0	G	0	0	0	Z	0	0	0	G	N	N	G	V	N	N	
AJ	0	6	0	0	0	0	G	0	0	0	0	8	0	0	N	N	G	N	0	0	0	Z	0	0	0	0	0	G	V	G	N	N	G	G	
AK	0	0	0	G	0	0	0	0	8	0	0	0	0	G	N	N	N	N	Z	0	0	0	0	G	0	0	0	G	N	N	G	G	N	N	
AL	G	0	0	0	0	8	0	0	0	0	G	0	N	N	N	Z	0	0	0	0	G	0	0	0	Z	0	G	G	G	N	N	G	G		
AM	0	0	6	0	0	0	0	G	0	0	0	0	Z	N	N	N	0	G	0	0	0	0	Z	0	0	0	0	0	0	G	G	V	N	N	
AN	0	0	0	0	G	0	0	0	0	8	0	0	N	N	G	N	0	0	0	Z	0	0	0	0	G	0	0	0	0	G	N	N	G	G	
AP		G	0	0	0	0	8	0	0	0	0	G	N	N	N	N	Z	0	0	0	0	G	0	0	0	0	0	0	0	G	G	G	G		

MPFS250T- 1FCG1152I

BULK_1V2

I/O Supply Banks: 0 & 6
Power Fill

- C --> CORE 1V05
- L --> PLL & PNVM 2V5
- HA --> PROG & HSIO Aux 1V8
- V --> XCVR Tx&Rx 1V05
- P --> XCVR PLL 2V5
- B --> XCVR Clk Buf 2V5
- F --> XCVR Clk Ref 10k
- K --> XCVR Clk Input
- R --> XCVR Rx Input
- T --> XCVR Tx Output

N --> No Connection

Z --> Bank 0 VDD

1:9 --> Banks 1:9 VDD

x1, x2, x4, x7, x9 -->
Banks 1,2,4,7,9 AUX VDD