

**BeagleSynth**

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# Bbone Pin Usage

## GPMC Pins

GPMC CONTROL BUSS				
P8_18	V12	GPIO2_1	gpmc_clk_mux0	Mode 0
P8_10	U6	TIMER6	gpmc_wen	Mode 0
P8_8	T7	TIMER7	gpmc_oen_ren	Mode 0
P8_7	R7	TIMER4	gpmc_advn_ale	Mode 0
P8_26	V6	GPIO1_29	gpmc_csn0	Mode 0
P8_21	U9	GPIO1_30	gpmc_csn1	Mode 0
P8_20	V9	GPIO1_31	gpmc_csn2	Mode 0
P8_9	T6	TIMER5	gpmc_be0n_cle	Mode 0
P9_12	U18	GPIO1_28	gpmc_be1n	Mode 0
P9_11	T17	UART4_RXD	gpmc_wait0	Mode 0
P9_13	U17	UART4_TXD	gpmc_wpn	Mode 0

GPMC DATA BUSS				
P8_25	U7	GPIO1_0	gpmc_ad0	Mode 0
P8_24	V7	GPIO1_1	gpmc_ad1	Mode 0
P8_5	R8	GPIO1_2	gpmc_ad2	Mode 0
P8_6	T8	GPIO1_3	gpmc_ad3	Mode 0
P8_23	U8	GPIO1_4	gpmc_ad4	Mode 0
P8_22	V8	GPIO1_5	gpmc_ad5	Mode 0
P8_3	R9	GPIO1_6	gpmc_ad6	Mode 0
P8_4	T9	GPIO1_7	gpmc_ad7	Mode 0
P8_19	U10	EHRPWM2A	gpmc_ad8	Mode 0
P8_13	T10	EHRPWM2B	gpmc_ad9	Mode 0
P8_14	T11	GPIO0_26	gpmc_ad10	Mode 0
P8_17	U12	GPIO0_27	gpmc_ad11	Mode 0
P8_12	T12	GPIO1_12	gpmc_ad12	Mode 0
P8_11	R12	GPIO1_13	gpmc_ad13	Mode 0
P8_16	V13	GPIO1_14	gpmc_ad14	Mode 0
P8_15	U13	GPIO1_15	gpmc_ad15	Mode 0

GPMC ADDRESS BUSS				
P8_45	R1	GPIO2_6	gpmc_a0	Mode 1
P8_46	R2	GPIO2_7	gpmc_a1	Mode 1
P8_43	R3	GPIO2_8	gpmc_a2	Mode 1
P8_44	R4	GPIO2_9	gpmc_a3	Mode 1
P8_41	T1	GPIO2_10	gpmc_a4	Mode 1
P8_42	T2	GPIO2_11	gpmc_a5	Mode 1
P8_39	T3	GPIO2_12	gpmc_a6	Mode 1
P8_40	T4	GPIO2_13	gpmc_a7	Mode 1
P8_27	U5	GPIO2_22	gpmc_a8	Mode 1
P8_29	R5	GPIO2_23	gpmc_a9	Mode 1

P8_28	V5	GPIO2_24	gpmc_a10	Mode 1
P8_30	R6	GPIO2_25	gpmc_a11	Mode 1
P8_37	U1	UART5_TXD	gpmc_a12	Mode 1
P8_38	U2	UART5_RXD	gpmc_a13	Mode 1
P8_36	U3	UART3_CTSN	gpmc_a14	Mode 1
P8_34	U4	UART3_RTSN	gpmc_a15	Mode 1
P8_35	V2	UART4_CTSN	gpmc_a16	Mode 1
P8_33	V3	UART4_RTSN	gpmc_a17	Mode 1
P8_31	V4	UART5_CTSN	gpmc_a18	Mode 1
P8_32	T5	UART5_RTSN	gpmc_a19	Mode 1