

F28335 controlCARD [R1.0] DIMM100 pin-out

V33D-ISO	1	51	V33D-ISO
ISO-RX-RS232	2	52	ISO-TX-RS232
	3	53	
	4	54	
	5	55	
GND_ISO	6	56	GND_ISO
ADCIN-B0	7	57	ADCIN-A0
GND	8	58	GND
ADCIN-B1	9	59	ADCIN-A1
GND	10	60	GND
ADCIN-B2	11	61	ADCIN-A2
GND	12	62	GND
ADCIN-B3	13	63	ADCIN-A3
GND	14	64	GND
ADCIN-B4	15	65	ADCIN-A4
	16	66	
ADCIN-B5	17	67	ADCIN-A5
GPIO-58 / MCLKR-A / XD21 (EMIF)	18	68	GPIO-59 / MFSR-A / XD20 (EMIF)
ADCIN-B6	19	69	ADCIN-A6
GPIO-60 / MCLKR-B / XD19 (EMIF)	20	70	GPIO-61 / MFSR-B / XD18 (EMIF)
ADCIN-B7	21	71	ADCIN-A7
GPIO-62 / SCIRX-C / XD17 (EMIF)	22	72	GPIO-63 / SCITX-C / XD16 (EMIF)
GPIO-00 / EPWM-1A	23	73	GPIO-01 / EPWM-1B / MFSR-B
GPIO-02 / EPWM-2A	24	74	GPIO-03 / EPWM-2B / MCLKR-B
GPIO-04 / EPWM-3A	25	75	GPIO-05 / EPWM-3B / MFSR-A / ECAP-1
GPIO-06 / EPWM-4A / SYNCI / SYNCO	26	76	GPIO-07 / EPWM-4B / MCLKR-A / ECAP-2
GND	27	77	+5V in
GPIO-08 / EPWM-5A / CANTX-B / ADCSOC-A	28	78	GPIO-09 / EPWM-5B / SCITX-B / ECAP-3
GPIO-10 / EPWM-6A / CANRX-B / ADCSOC-B	29	79	GPIO-11 / EPWM-6B / SCIRX-B / ECAP-4
GPIO-48 / ECAP5 / XD31 (EMIF)	30	80	GPIO-49 / ECAP6 / XD30 (EMIF)
GPIO-84	31	81	GPIO-85
GPIO-86	32	82	+5V in
GPIO-12 / TZ-1 / CANTX-B / MDX-B	33	83	GPIO-13 / TZ-2 / CANRX-B / MDR-B
GPIO-15 / TZ-4 / SCIRX-B / MFSX-B	34	84	GPIO-14 / TZ-3 / SCITX-B / MCLKX-B
GPIO-24 / ECAP-1 / EQEPA-2 / MDX-B	35	85	GPIO-25 / ECAP-2 / EQEPB-2 / MDR-B
GPIO-26 / ECAP-3 / EQEPI-2 / MCLKX-B	36	86	GPIO-27 / ECAP-4 / EQEPS-2 / MFSX-B
GND	37	87	+5V in
GPIO-16 / SPISIMO-A / CANTX-B / TZ-5	38	88	GPIO-17 / SPISOMI-A / CANRX-B / TZ-6
GPIO-18 / SPICLK-A / SCITX-B	39	89	GPIO-19 / SPISTE-A / SCIRX-B
GPIO-20 / EQEPA-1 / MDX-A / CANTX-B	40	90	GPIO-21 / EQEPB-1 / MDR-A / CANRX-B
GPIO-22 / EQEPS-1 / MCLKX-A / SCITX-B	41	91	GPIO-23 / EQEPI-1 / MFSX-A / SCIRX-B
GPIO-87	42	92	+5V in
GPIO-28 / SCIRX-A / Resv / TZ5	43	93	GPIO-29 / SCITX-A / Resv / TZ6
GPIO-30 / CANRX-A	44	94	GPIO-31 / CANTX-A
GPIO-32 / I2CSDA / SYNCI / ADCSOCA	45	95	GPIO-33 / I2CSCL / SYNCO / ADCSOCA
GPIO-34 / ECAP1 / XREADY (EMIF)	46	96	+5V in
GND	47	97	TDI
TCK	48	98	TDO
TMS	49	99	TRSTn
EMU1	50	100	EMU0