

Revision History

Rev P1

Rev P2 11/23/11

Rev P3 12/8/11

1/8/12

Rev P4 1/31/12
2/28/12

Rev P5

Rev P6 6/11/12

6/14/12
6/18/12

Rev P7 6/19/12

Rev P8	6/19/12
Rev P9	8/15/12
Rev P9	10/15/12

Initial

Changed C6-C17 to 0805
Added 47ohm, 470ohm, 0ohm(1206)
Added more test points

Increased Qty for

Changed R69-R71 to not installed

Removed 47 and 470 1206 parts (see rows 11 and 12 above)
Added S1B diode, D28
Updated communication path resistor values to 22ohms
Changed D2, D13, D7-D10 to SOD523 part

Not documented

Added C102; 0.47uF cap; changed quantity from 2 to 3 (four sources).
Deleted C59, C60, C63, C64; 2200pF cap; changed quantity from 8 to 4 (two sources).
Deleted C88, C89; 10pF cap; changed quantity from 6 to 4.
Deleted D2, D7, D8, D9, D10, D13; SOD323/523 diode; changed quantity from 8 to 2 (two sources).
Deleted D12, added D2, D7; SOT-23 diode; changed quantity from 3 to 4.
Deleted P4, P7; 2-circuit receptacle; changed quantity from 8 to 6.
Deleted R96, added R104, R105; 0603 0Ω resistor; changed quantity from 7 to 8.
Deleted R64, R65; 0603 100KΩ resistor; changed quantity from 6 to 4.
Deleted R60, R61; 1206 100Ω resistor; changed quantity from 6 to 4.
Deleted R56, R57, R79, R80; 1206 26.1Ω resistor; changed quantity from 12 to 8.
Deleted R87, R88, R100; 1206 0Ω resistor; changed quantity from 13 to 10.
Deleted R75, R76; 1.5KΩ resistor; changed quantity from 6 to 4.
Deleted R103, R104; 41.2Ω resistor; changed quantity from 6 to 4.
Deleted (9) test points for VAA, ALRMUP, ALRMUN, ALRMLP, ALRMLN, ALRMUP_A, ALRMUN_A, ALRMLP_A, ALRMLN_A; added (4) test points for VDDL1, VDDL2, VDDL3, VDDL4; changed quantity from 34 to 29.
Added C100, C101, C102; 0603 cap; NOT INSTALLED.
Deleted D28, D29, D34, D35, D36, D37; SOD-323 diode; NOT INSTALLED.
Deleted L5; common mode filter; NOT INSTALLED.
Added J6; 10-pin (5x2) dual-row header, 0.1" centers; NOT INSTALLED
Changed C27 from 0603 to 0805 size, changed value from 100pF to 0.47uF, changed MPN
Changed PCB PN from EPCB17840 to EPCB17823, this was in error from previous revision.
Deleted two fab vendors for PCB per Olivia Liao since this is not impedance controlled PCB.

Corrected MPN for EC2362 (from GCA to CGA), this was in error from previous revision.
Changed PN ECM0587 to ECM0581 (0.47uF cap) per Jeffrey Po (not a component change).
Changed PN ECM0862 to ECM0602 (1uF cap) per Jeffrey Po (not a component change).
Changed PN EC1426 to ECM0602 (1uF cap) per Jeffrey Po (not a component change).
Changed PN EC2363 to ECM0711 (2.2uF cap) per Jeffrey Po (not a component change).

Changed PN EC1111 to ECM0122 (100pF cap) per Jeoffery Po (not a component change).
Changed PN ECM0866 to ECM0865 (100pF cap) per Jeoffery Po (not a component change).
Added PN ED0299 (1A diode) for D38 per Jeoffery Po (not a component change).
Moved assembly instructions for EH0071 shunts to line for EH0071.
Deleted C55, C56 to match schematic; ECM0506; 0603 10pf cap; changed quantity from 6 to 4
Deleted C98, C99 to match schematic; 3-pin cap; NOT INSTALLED
Deleted mfgr "CIREXX" for EPCB17823 per Olivia Liao (any customary fab mfgr may be used)

Changed quantity of MAXCLICK-MATE from 3 to 2 per Bryan Mueller

Added R110, R111, R112

Changed C86, C87, C90, C91, R98, R99, R108, R109,R97, R101 to **do not install**

Increased Qty from 12	ECM0864	0.1μF ±10%, 100V X7R ceramic capacitors, automotive grade (0805)	13
Increased Qty from 6	ER0508054700	470Ω ±5%, resistors (0805)	12
Increased Qty from 6	ER05060347R0	47Ω ±5 resistors (0603)	12
Increased Qty from 35	EH0384	Multipurpose Test Points, Red	36

Added	ER05120647R0	47Ω ±5 resistors (1206)	6
Added	ER0512064700	470Ω ±5%, resistors (1206)	6

Initials

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