

MCD Evaluation Board for Pump Motor Control

NO	Part Type	Designator Locate	Qty	Footprint	Description	Notes
1	0 ohm	R23, R4, RN6, RN2, RN4	4	LC-0603_R	Resistor	
2	0.01uF/50V(NC)	C83, C84, C85	3	LC-0603_C	NC ( Hanging, no device )	NC
3	0.01uF/50V	C4, C10, C80,C81,C82	5	LC-0603_C	Capacitor	
4	0.1uF/50V	C8, C12, C32, C3,C5, C9	6	LC-0603_C	Capacitor	
5	0.05	R20,R19	2	LC-2512_R	Resistor	
6	0.047uF/50V	C7	1	LC-0603_C	Capacitor	
7	1K	R5	1	LC-0603_R	Resistor	
8	1uF/25V	C31, C6, C2	3	LC-0603_C	Capacitor	
9	3.3nF	C13	1	LC-0603_C	Capacitor	
10	5.1K	R12, R87, R7, R86	4	LC-0603_R	Resistor	
11	10K	R11, R33, R38, R39, R31, R80, R81, R82	8	LC-0603_R	Resistor	
12	10uF/50V	CV1, CV3, CV5, CV101	4	LC-1206_C	Capacitor	
13	18K	R36	1	LC-0603_R	Resistor	
14	24	RVG1	1	R0805	Resistor	
15	33K	R32, R30, R37	3	LC-0603_R	Resistor	
16	43K	R35	1	LC-0603_R	Resistor	
17	47pF	C1	1	LC-0603_C	Capacitor	
18	100K	RP1	1	3386	3386P-1-104-LF	BOURNS
19	100K	R10	1	LC-0603_R	Resistor	
20	220	RN3, RN5, R58, RN1	4	LC-0805_R	Resistor	
21	220K	R34	1	LC-0603_R	Resistor	
22	220u/50V	C201	1	RB.2/4	EKZE500ELL221M	NIPPON CHEMI-COM
23	HU	SET1, SET2, SET3	3	TESET-3	Holzer signal selection	
24	IN	J1	1	SIP8	Connector	
25	KF129-5.08	CN3, CN2, CN1	3	SIPX05	2P+3P	KEFA
26	LED	D2	1	LC-0805_LED_S4	Red	
27	LED	D1	1	LC-0805_LED_S4	Yellow	
28	LED	D3	1	LC-0805_LED_S4	Green	
29	NC	R85, R3, R83, R84	4	LC-0603_R	NC	NC
30	RB095B	DV1	1	LC-TO-252-2		ROHM
31	SOFT	SET8	1	TESET-2	Function setting	
32	SW_3	SW4, SW5, SW1, SW2, SW3	5	SW-N3P-10MIL	2MS3T1B1M2QES	德利威 金属扭子开关
33	TB6605FTG	IC1	1	VQFN36-P-0505	IC	TOSHIBA
34	TC75S51F	U2	1	LC-SOT-23-5	IC	TOSHIBA
35	TES2	SET4, SET5, SET6, SET7	4	TESET-2	Optional	
36	TK20P04M1	N1, N2, N3, N4, N5, N6	6	LC-TO-252-2	MOSFET	TOSHIBA