

MAXREFDES75# BOM

Parts	Qty	Value	digkey ordering no.
for the lower pins needs to be cut	2	Connector for display	A115087-ND (2-1571994-0)
JP4, JP5, JP6 -2P	3		732-5315-ND
JP2, JP3 -3P	2		732-5314-ND
SU1-SU5	5	Single pin (for jumper)	
LED1	1	LED1	732-4979-1-ND
LED5, LED6, LED7	3	LED5, LED6, LED7	732-4980-1-ND
RP3	1	27,4k	P27.4KLCT-ND
RP4	1	120k	P120KJCT-ND
RPA1	1	150k	P150KJCT-ND
RPA2	1	47k	P47KJCT-ND
RPA4	1	910k	P910KJCT-ND
RPA8	1	330k	P330KJCT-ND
RPA5, RPA10	2	100k	P100KJCT-ND
R26X	1	68R	P68JCT-ND
R3, R4, R5	3	100R	P100ACT-ND
RPA9, R51, R52, RA1, RA2, RA6, RA7, RA8,	8	0R	P0.0GCT-ND
RM7, RM8, RM9, RM15, RM1, RM2, RM3, RM4, RM5, RM6,	10	100R	P100JCT-ND
CM11, CM12, CD1, CD2, CD6, CD8, CD10, CD15, C3, CA8, CA9, CA10, CA11, CA16,	14	100n	399-5089-1-ND
CA1, CA2	2	100p	399-7824-1-ND
RA20, RA21, RA22, RA23, RA24, RA25, RD20, RD21, RD22, RD23, RM10, RM11, RM28	13	10R	P10.0LCT-ND
C15, C16, CA4, CA15, CP4, CPA2	6	10n	399-8987-1-ND
CPA14	1	0R	P0.0ACT-ND
CA12, CD9, CP1, CP2, CP3, CP6, CPA1, CPA3, CPA4, CPA5, CPA6, CPA7, CPA10, CPA11, CPA12, CPA15, CPA17	17	10u	445-11518-1-ND
RA14, RA15, RA16	3	1k	P1.0KJCT-ND
RP7	1	887 ohms	P887HCT-ND
CA3, C6, CA5, CA7	3	1nF(COG)	399-7836-1-ND
CP13	1	2.2n	490-1459-1-ND
CP12	1	470n	445-5192-1-ND
CP15	1	4.7uF	587-2254-1-ND
CP14	1	47pF	445-1277-1-ND

CM3, CM4, CM5, CM6, CM7, CM8, CM9, CM10, CM13, CM14, CM15, CM16, CM17, CM18, CM19, CM22, CM23, CPA13, CPA16, CP11	20	1u	587-3247-1-ND
CP9, CP10	2	1u/100V	445-4467-1-ND
CM1, CM2	2	22p	399-1053-1-ND
R9, R9X	2	270R	P270JCT-ND
RA5	1	4.7k	P4.7KDBCT-ND
RA4	2	3.3k	P3.3KDBCT-ND
RP5	1	15k	P15KDCCT-ND
RD9, RD10, RA13, RP6	4	4.7k	P4.7KJCT-ND
CD7	1	4.7n	399-9088-2-ND
R10, R26, R27, RM20, RM26, RM27	6	470R	P470JCT-ND
L1	1	100µH	587-2105-1-ND
RA3	1	3.9k	P3.9KDBTR-ND
RD11	1	50R	P49.9LCT-ND
RA9, RA10, RA11, RA12, RD16, RD17, RM16, RM18, RM19, RM21, RM22, RM23, RM24, RM25	14	5k	P4.99KLCT-ND
FB1	1	600R/0.5A	490-1057-1-ND
TR1, TR2	2		732-2598-1-ND
D5	2	B360A	B360A-E3/61TGICT-ND
D2, D3, D6	3	DB21413	DB2141300LCT-ND
Q2	1	IRLML5203	IRLML5203TRPBFCT-ND
S1, S2, S3	3	Button	679-2307-2-ND
U10	1	MAX11270EUG+	maxim-device
U4	1	MAX13256ATB	maxim-device
U17, U18	2	MAX14850ASE	maxim-device
U3, U5	2	MAX16910CATA	maxim-device
U1	1	MAX5035XXSA	maxim-device
U12	1	MAX542XXSD	maxim-device
U11	1	MAX6126_UMAX8	maxim-device
U13	1	MAX6126_UMAX8	maxim-device
U6, U7	2	MAX8510EXK	maxim-device
U2, U8	2	MAX8719ETA	maxim-device
U14, U15	2	MAX9633ATA	maxim-device
U16	1	MAXQ622G-0000+	maxim-device
X1	1	Hirose ZX62RD-AB-5P8	H11611CT-ND
X2	1	Phönix_1725656	277-1273-ND
X3	1	Phönix_1725711	277-1279-ND
Q1	1	X22-12MHz	887-1121-1-ND
	1	Display	EA DOGM128W-6
	1	Backlight white for Display	EA LED55X46-W

	3	Distance holder for Display	BL 1X20G7 2,54
RD7, RD8, RM17	3 open		
RPA3, RPA7	2	open do not mount	
D4	1 do not		do not mount
CA13, CA14	2 open		do not mount
RD5, RD6, RD7, RD8, RD12, RD14,			
RD15, RM17	8 open		do not mount
UART			do not mount
JTAG	1	JTAG	732-2672-ND