

MONOCHROME OLED BOM

Qty	REF-DES	VALUE	PART DESC	Digikey
1	J7		FH12A-18S-0.5SH(55)	HFK118CT-ND
1	DISP	128x64 4bit	Monochrome 4bit OLED Display	
2	C26 C34	.1uF	CAP 0603 CER .1U 50V +-80-20%	
1	C33	47nF	CAP 0805 CER 47nF 50V +10% X7R	709-1195-1-ND
1	C38	18pF	CAP 0805 CER 10pF 50V +5% NP0	709-1171-1-ND
2	C39-40	1uF	CAP 0805 CER 1uF 25V +10% X5R	587-1291-1-ND
1	L5	10uH	INDUCTOR 10UH 590MA 10% 1210	PCD2343CT-ND
1	M3	IRLML6402TRPBF	P-Ch Logic Gate Fet 20V 3.7A	IRLML6402PBFCT-ND
1	M4	BSS138TA	MOSFET N-CHAN 50V 200mA SOT-23	BSS138ZXCT-ND
2	R34-35	100K	RESISTOR SMT 0603 1% 100K	311-100KGRCT-ND
1	R42	100K	RESISTOR SMT 0805 1% 100K	311-100KARCT-ND
1	R43	30.1K	RESISTOR SMT 0805 1% 30.1K	311-30KARCT-ND
1	R44	261K	RESISTOR SMT 0805 1% 261K	311-270KARCT-ND
2	RN2-3	56	RES NET 56 OHM ±5% 8P ISL NPb 0603	YC164J-56CT-ND
1	U10	LT3461A	IC BOOST ADJ 250MA TSOT23-6 3MHZ	LT3461AES6#TRMPBFCT-ND
1	U7	MC74HC4050(J,N,D)	74HC4050 Level Converter	568-1453-5-ND