

## SPI PORT EXPANDER CHARACTER LCD BOM

Qty	REF-DES	VALUE	PART DESC	Digikey
1	J5	2x8	header 100 2x8	609-3364-ND
1	M2	BSS138TA	MOSFET N-CHAN 50V 200mA SOT-23	BSS138ZXCT-ND
1	P1	10K	Pot trim 10K ohm vert adj 2.2mm sq SMT	490-3927-1-ND
1	R15	150	RESISTOR SMT 0805 5% 150	RMCF0805JT150RCT-ND
1	U3	MCP23S08-E/SO	IC I/O EXPANDER SPI 8B 18SOIC	MCP23S08-E/SO-ND