DIN DOM DOS			
DULPSM_R03			
2046 05 24			
2016-05-24			
DULPSM Rev. 0.3			
BOM Rev. 0.3			
liam	Ref. Des.	# Pog	Mfr.'s Part No.
Item Connector, 8-pin female	J1	# IXEQ	Sullins PPPC081LGBN-RC
Programming Header	J2	0	DNI
Capacitor, Tantalum, 10 uF 10V 20% 0805		3	AVX TPSA106K010R0900
Capacitor, Ceramic, 0.1 uF 25V 0805	C4-8	5	Kemet C0805C104K3RACTU
Capacitor, Ceramic, DNI, 0805	C4-8	0	DNI
Resistor, 499K 1%, 0805	R1	1	Yageo RC0805FR-07499KL
Resistor, 10K 5% 0805	R2,3,7	3	Yageo RC0805JR-0710KL
Resistor, 1.0K 5% 0805	R4	1	Yageo RC0805JR-071.0KL
Resistor, 49.9 1% 0805	R5	1	Yageo RC0805FR-0749R9L
Short, Enable Analog Output, 0603	R6	0	DNI
IC, Analog front end, 14-WSON	U1	1	T.I. LMP91000SDE/NOPB
IC, processor, 28-SSOP	U2	1	MicroChip PIC24F16KM202-I/SS
IC, T&RH sensor	U3	1	SiLabs SI7021-A20-GM
IC, amplifier, single, SOT23-5	U4	1	MicroChip MCP6041T-I/OT
IC, Voltage reference, 2.048V, SOT23	U5	1	Intersil ISL60002DIH320Z-TK
Connector, 2-pin female	J11-J13	3	3M 950502-6102-AR