

SYSTEM	OPTIC	REMARKS
IR Doubling steering + mode matching	Y1	1" 1064 nm coated, no need to replace mount
	Y2	1" 1064 nm coated, no need to replace mount
	L1	1" Thorlabs 1064nm AR coated, f=125.0nm, LB1904-C (Biconvex)
	HWP1	no label, current angle is 246 degrees
	IO-5-1064-HP	use same mount (not ideal as mount is green)
	HWP2	no label, current angle is 192 degrees
	L2	KBX061 88.30 1064nm AR coated. For better mode matching solution, change this to focal length 100mm lens which we have
	doubling oven assembly	replace existing mount with custom piece in hand
	L3	f=100mm, AR 532nm coated, no need to change mount
	Y3	labelled Y1-1025-45S, reflective for 1064nm, transmissive for 532nm, no need to change mount
Y4	labelled VIS ALUMINUM, no need to change mount	
Y5	labelled 0-45deg-480-690 nm	
IO-5-532-LP	need to replace existing green coloured mount with red one in hand	
HWP3	labelled HWP AR 532nm (and also QWPO-532-05-2-R10, assumed to be an outdated label?). Current angle is 155 degrees	
Green input pointing + mode matching	shutter	N.A.
	L4	PLCX-25.4-154.5-C-532, currently on translational stage. f=300mm
	L5	SPC019 AR.14 f = -250mm
	Y6	PZT mirror 1 (2")
	Y7	1" 532nm coated, labelled Y2-1025-0, need to switch out mount to a Polaris type in hand
	L6	f = -100mm, AR532nm, currently on a translational stage
	Y8	1" 532nm coated, labelled Y2-1025-0, need to switch out mount to a Polaris type in hand
	Y9	PZT mirror 2 (2"). This is currently on a makeshift post. Need to replace post with another post of correct height (in hand)
	L7	750mm KPX214 AR.14
	Y10	2", currently unlabelled, transmissive for green, reflective for IR, need to replace mount with Polaris type in hand
Green REFL steering + mode matching	Y11	1" HR532nm/30-45deg/AR532/LROK, no need to change mount
	L8	KBX 058 AR.14 F75mm
	PDA 36A	current gain setting is 60dB
Oplev	Y12	1" unlabelled, replace existing mount with Polaris type in hand
	L9	BCC-100_KBC037 AR.14
	L10	PCX 25X 200VIS
Arm IR transmission monitoring	Y13	1" unlabelled, replace existing mount with Polaris type in hand
	HeNe	2.8mW on 05/13/2014
	Oplev QPD	N.A.
	L11	PLCX-50.8-306.0-UV-1064-T
	L12	unlabelled
IR pickoff+fiber coupling	Y14	BS1-1064-50-1037-45P, need to change mount to Polaris type
	Y15	1", labelled Y1-1037-45P, no need to change mount
	Transmon QPD	N.A.
	Thorlabs PDA 520	N.A.
	Y16	Beam sampler
	L13	LB-1945-C, Biconvex, f=250mm
	Y17	1", unlabelled. This mirror is currently in a lens mount. Ideally, if the layout allows, we should replace with a Polaris type mount
	L14	LB1471-C, Biconvex, f = 50.0mm
	Y18	1" unlabelled, no need to replace mount
	fiber coupler	change the mode by adjusting the collimating lens to a better mode